

Diagnosis / Troubleshooting Manual

HIGH-RESOLUTION DISPLAY MONITOR

(MITSUBISHI MODEL NUMBER:THZ81series)

miroC2185

MITSUBISHI ELECTRIC CORPORATION

JUL. 1994

CBB-S5575

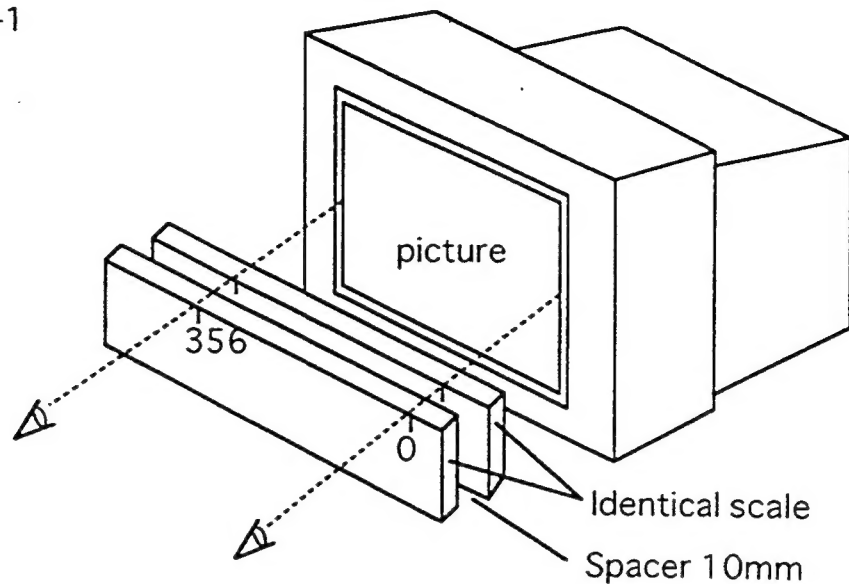
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1. Equipment parts for diagnosis (or repair)

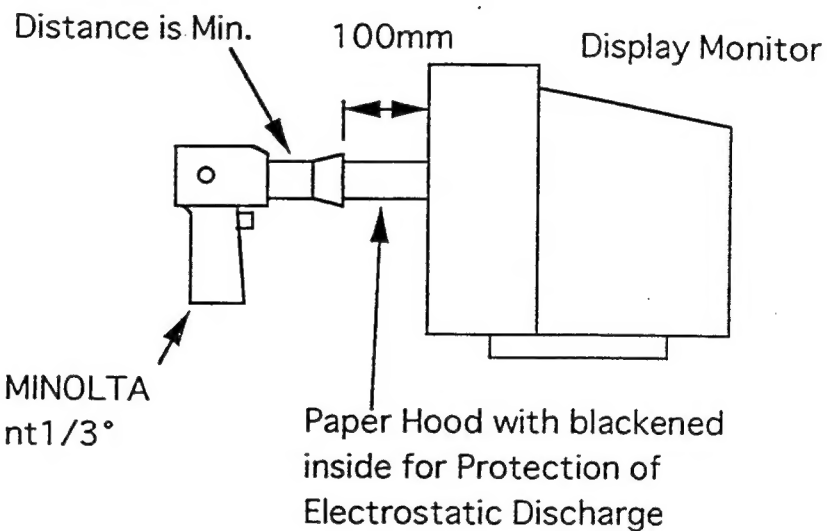
Please prepare the equipment parts for diagnosis (or repair) as follows,

(1) Double Scale ---- 1



(2) Intensity Meter ---- 1

MINOLTA nt1/3° or equivalent



(3) CRT Color Analyzer ---- 1

MINOLTA CA-100 or equivalent

(4) Video Signal Generator (or Computer Video Output if Signal Generator is not available) ---- 1

(5) The Specification ---- 1

2. Equipment parts for repair

Please prepare equipment parts for repair as follows,

(1) Oscillo Scope----1

200MHz Bandwidth

Also need low capacitance high impedance probe(1-2pF 10M0hm) to measure video final stage.

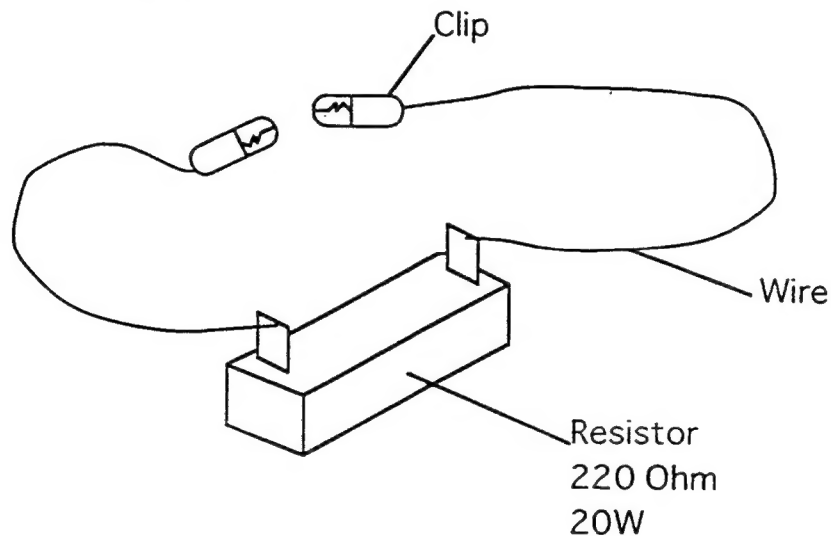
(2) Digital Multi- Meter ----1

Digital multi voltage / Ohm meter or equivalent.

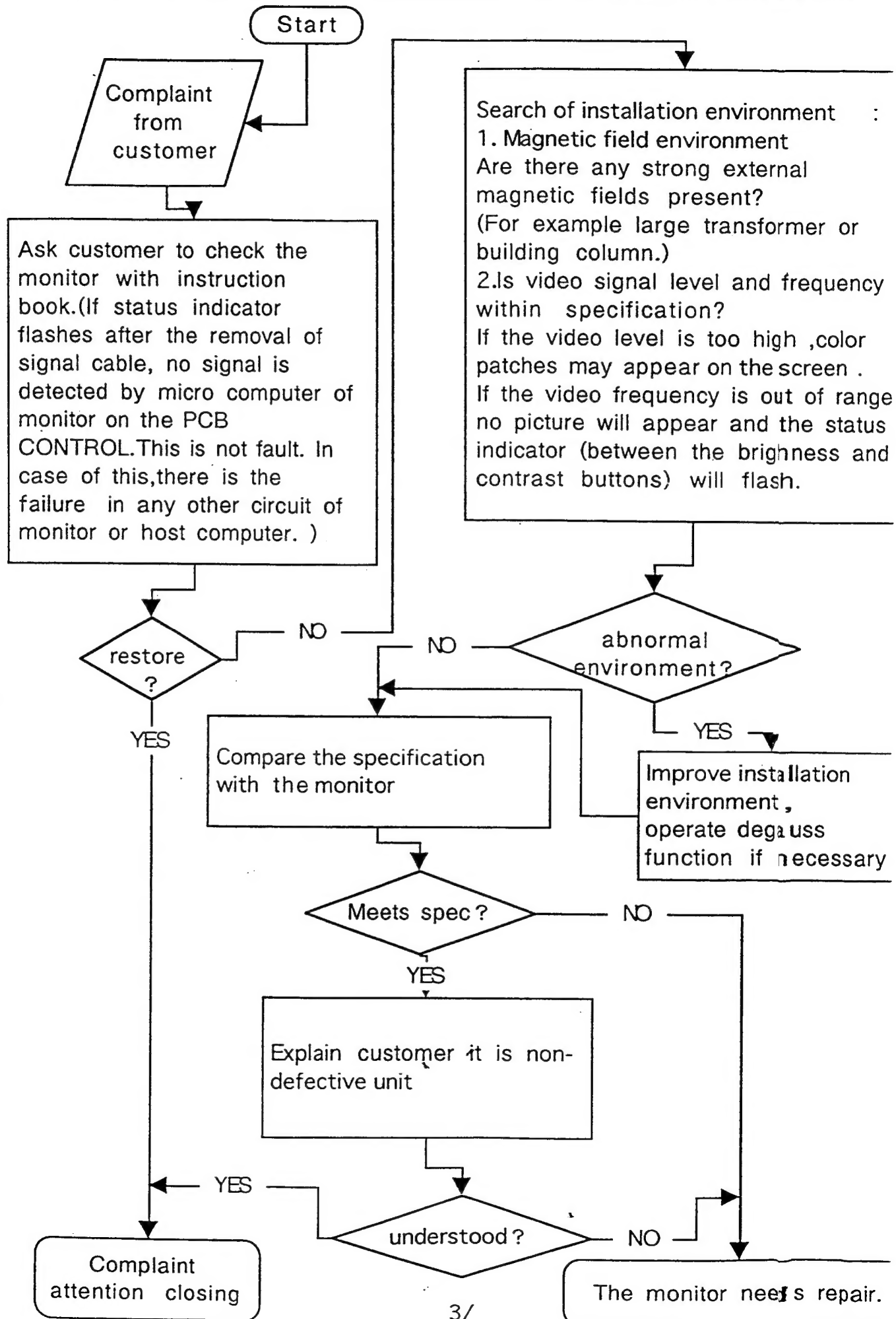
(3) High Voltage Meter ----1

High voltage probe(input impedance 10 GOhm, rating voltage 30-50KV).

(4) Resistor for discharge



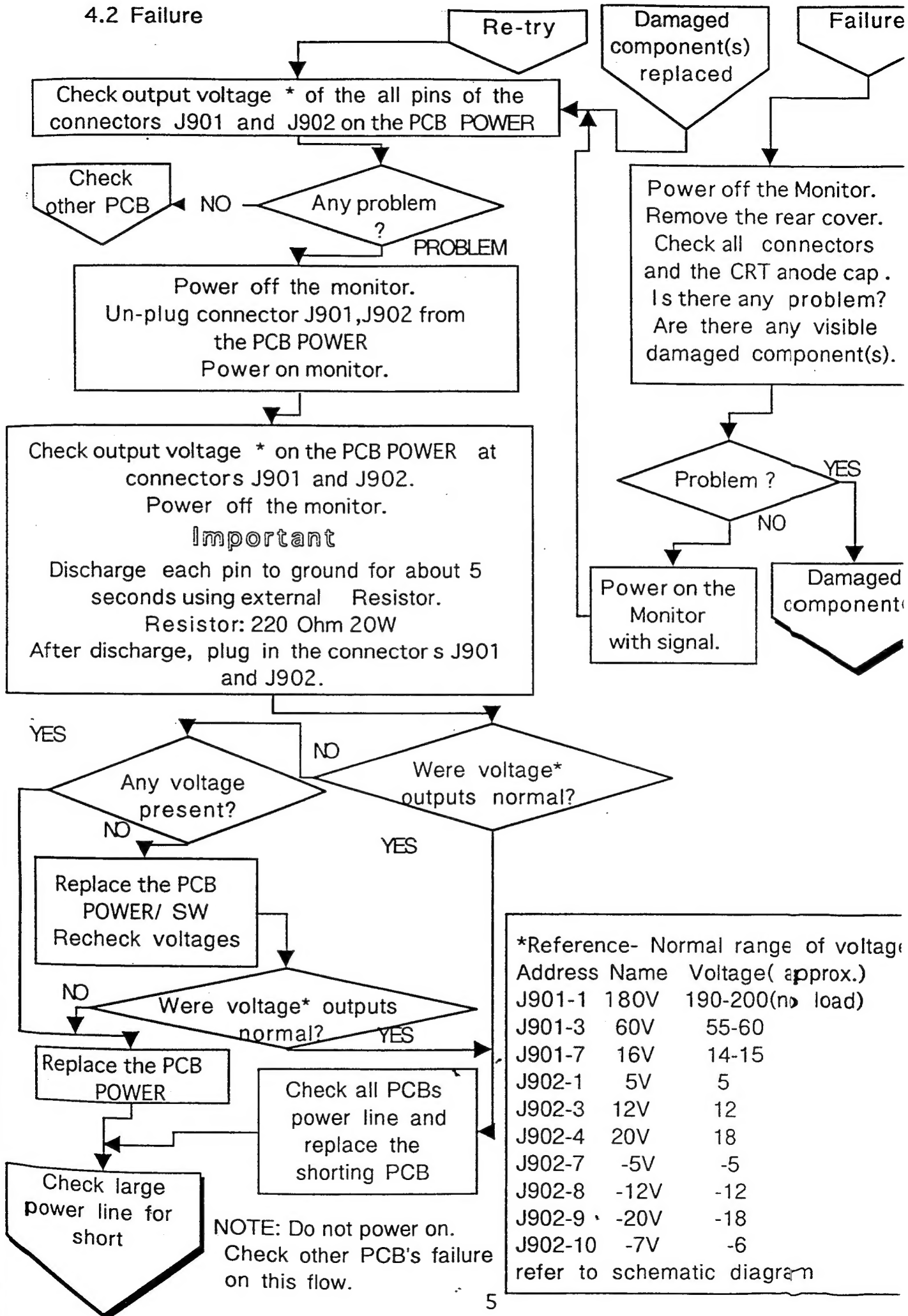
3. Request the Diagnostic to a customer/Search of installation environment



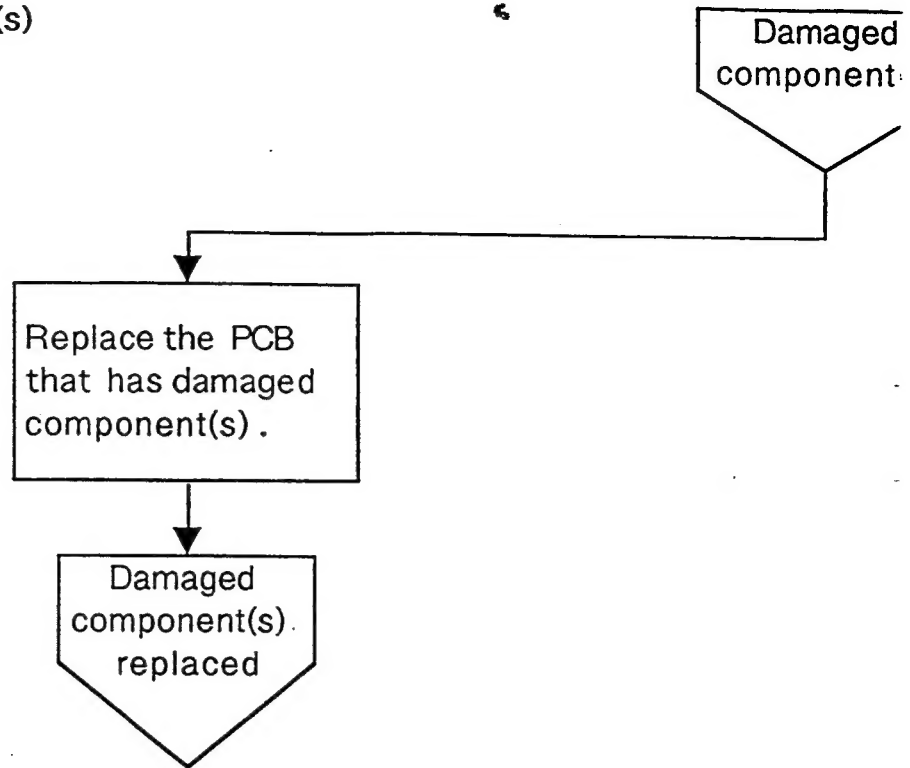
4.1 Start of the Troubleshooting



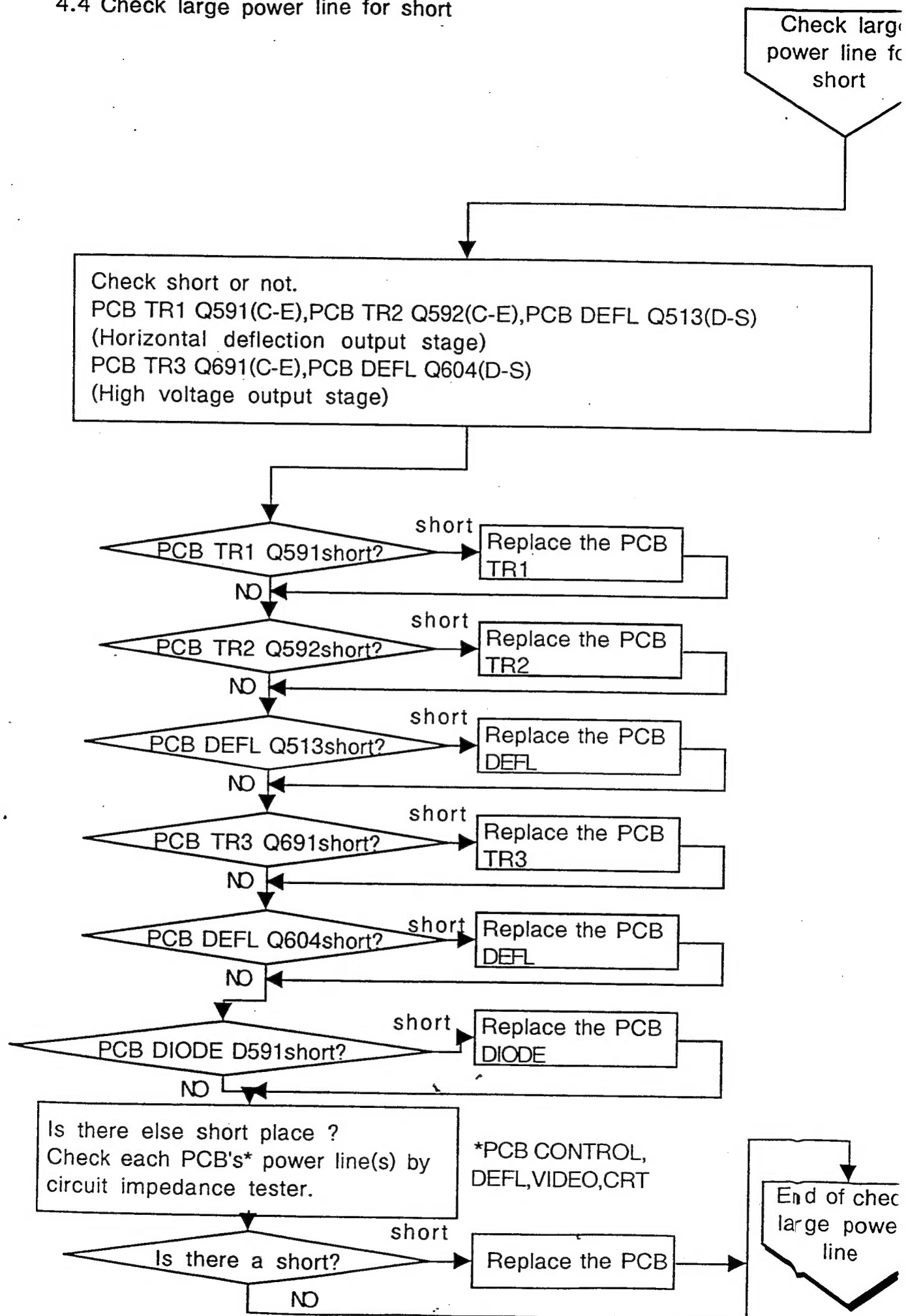
4.2 Failure



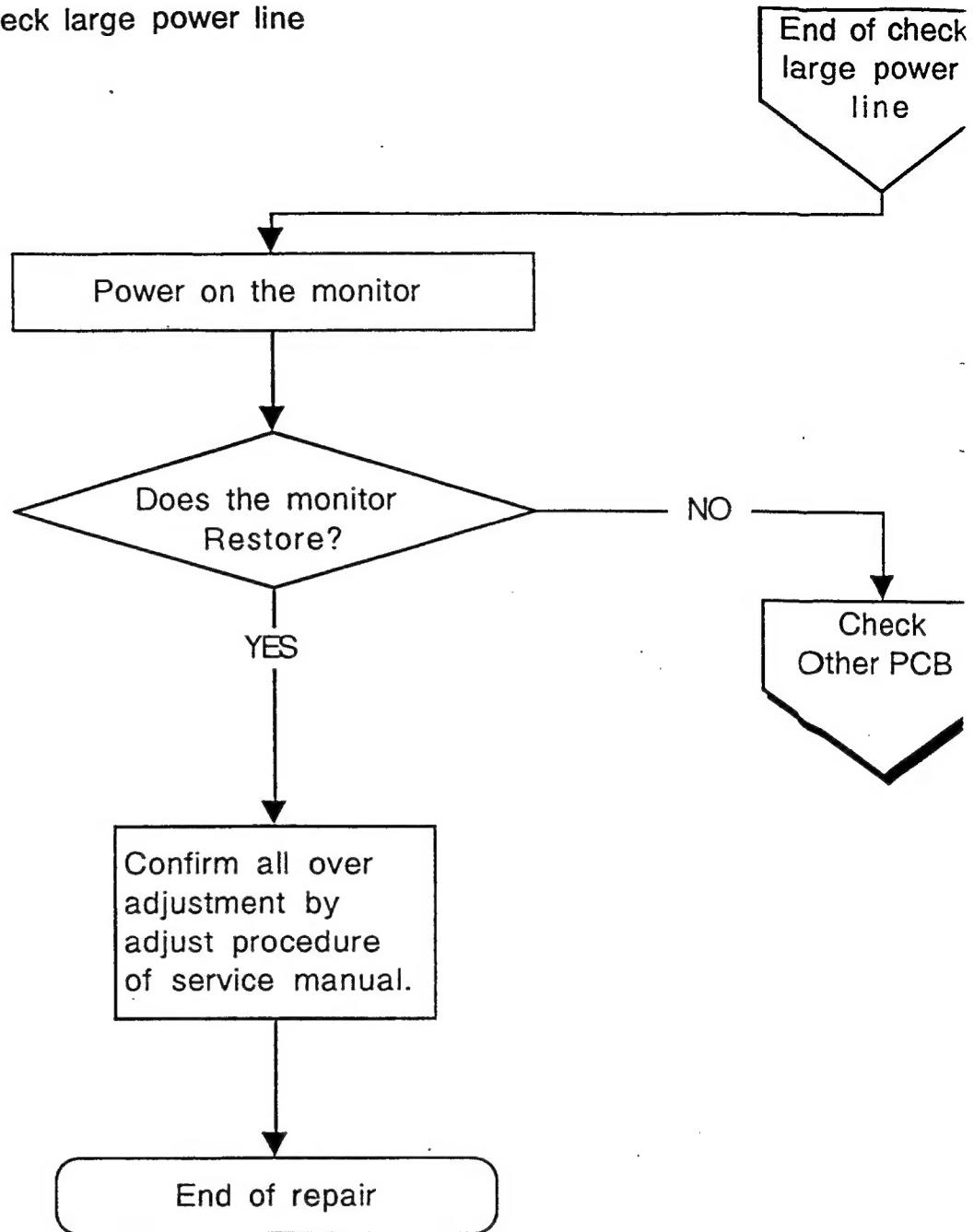
4.3 Damaged component(s)

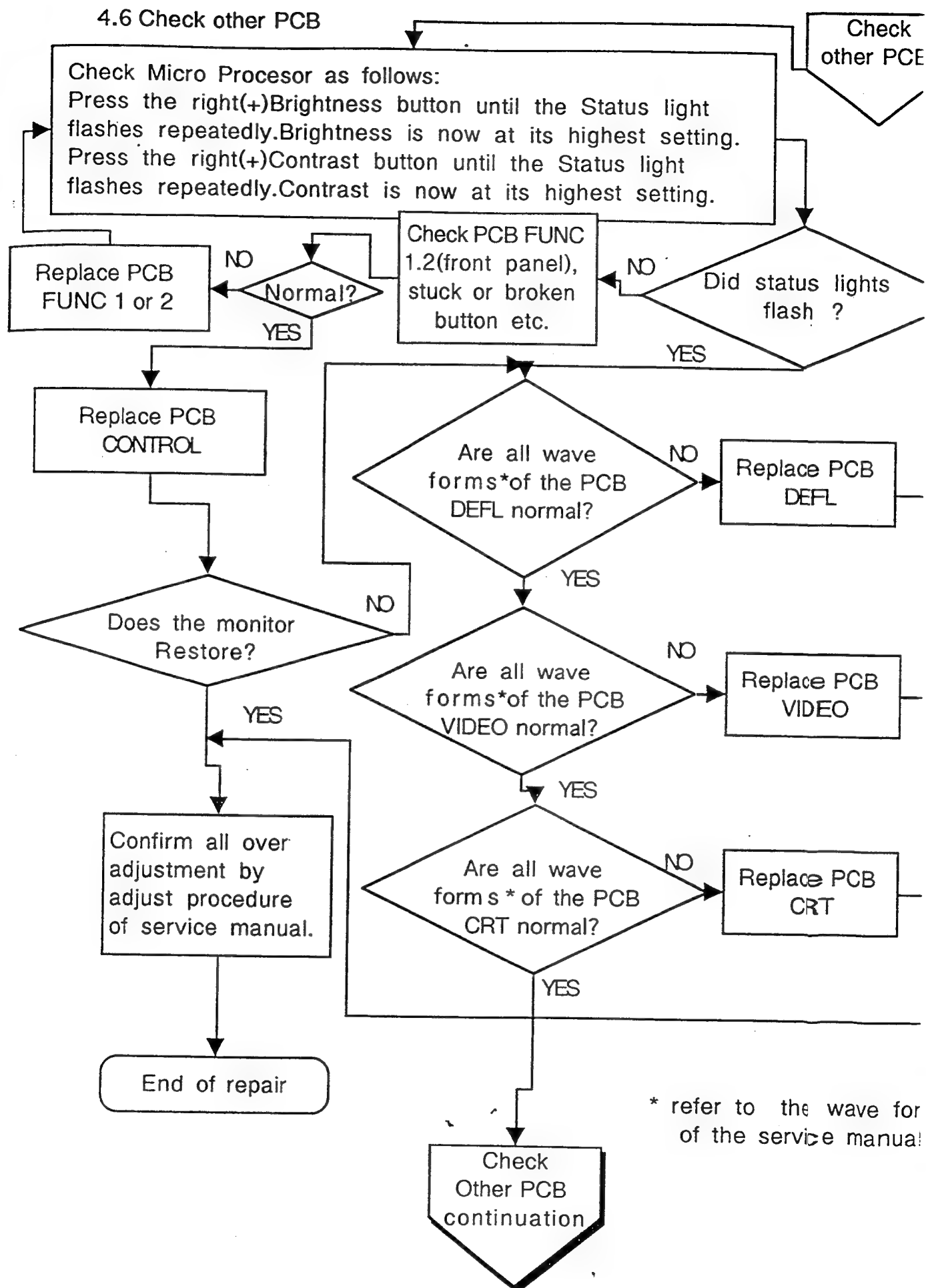


4.4 Check large power line for short

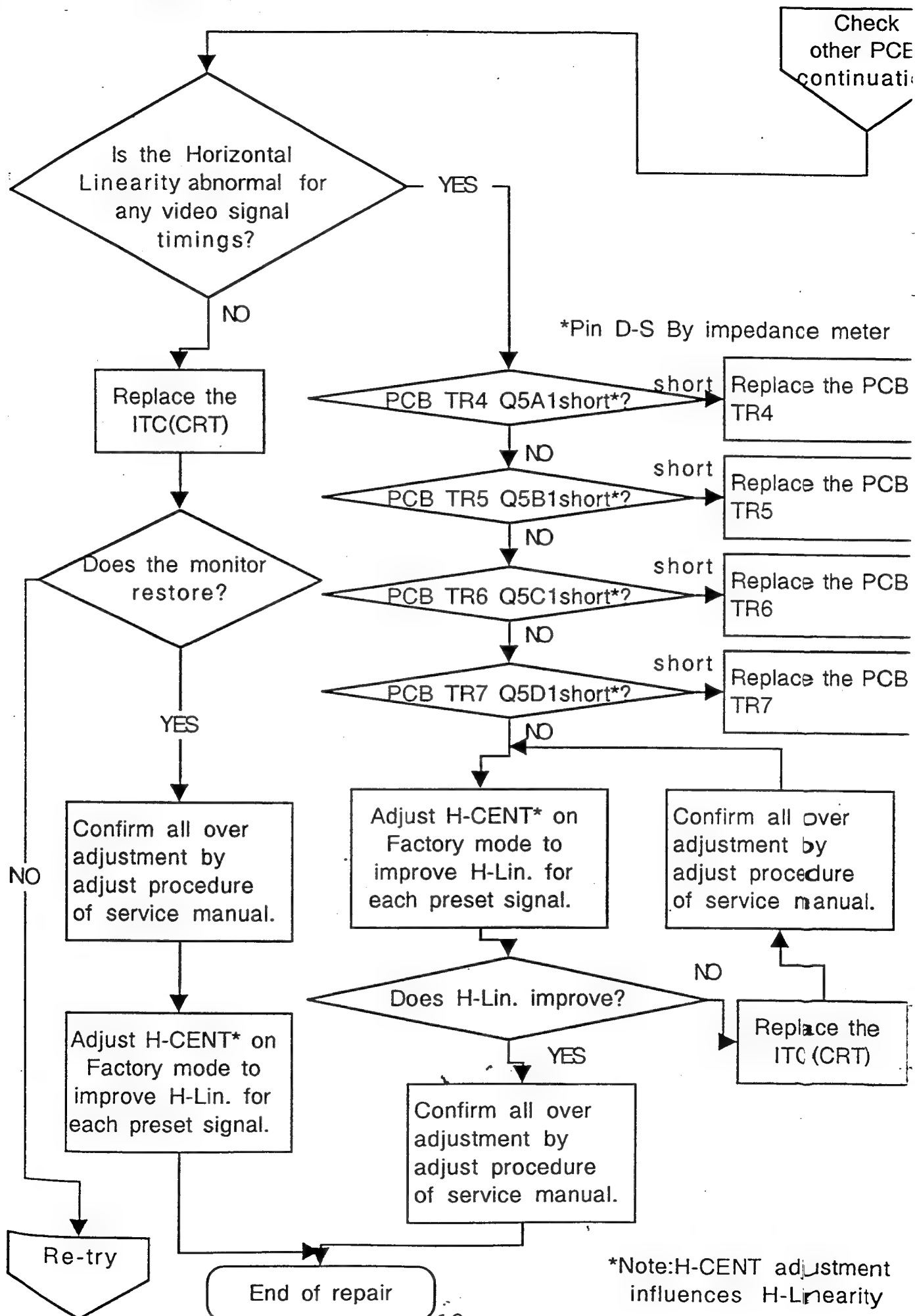


4.5 End of check large power line

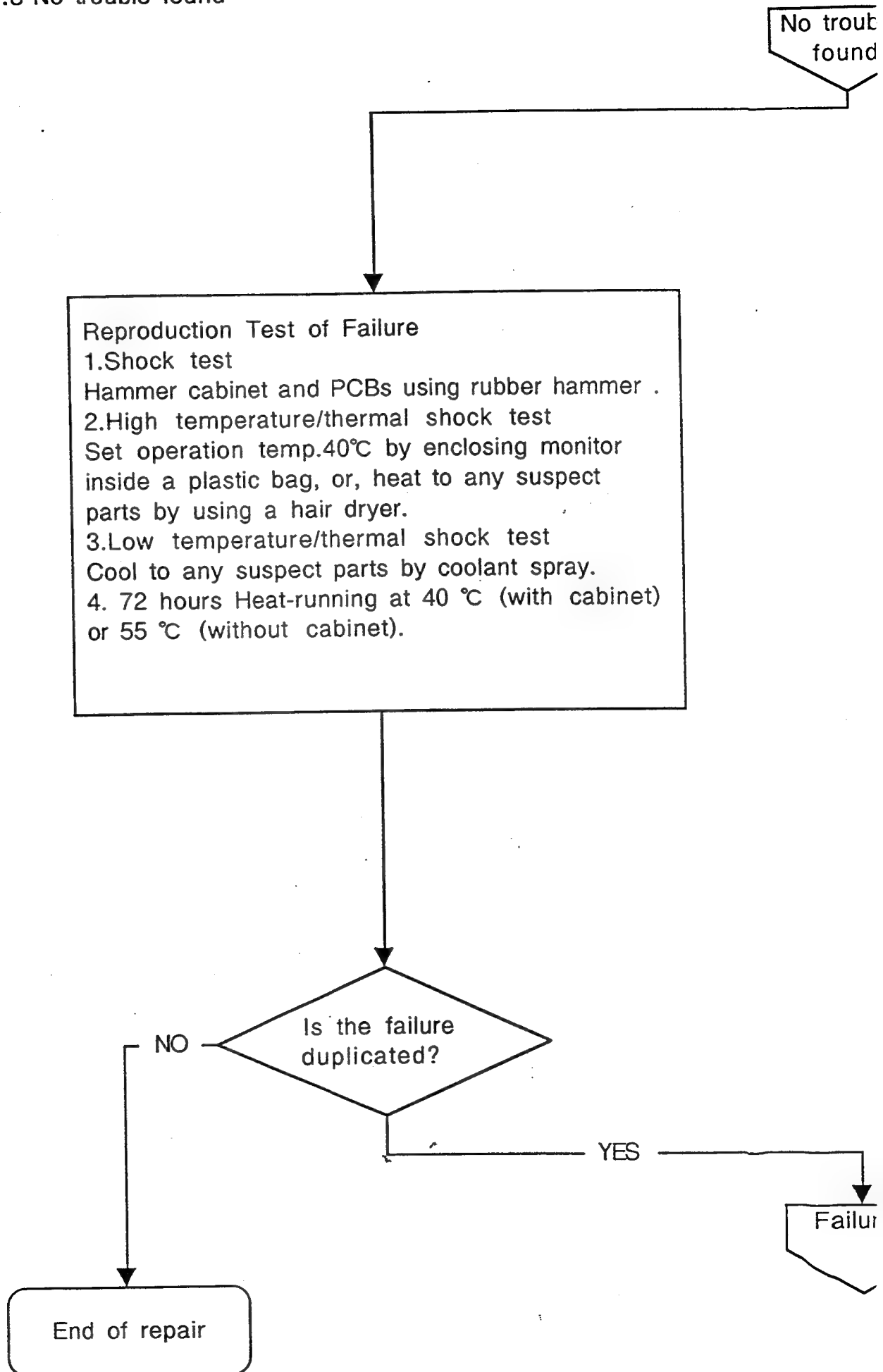




4.7 Check other PCB continuation








4.8 No trouble found



3. Adjustmnt lytem LED Indication

Table-2

○: ON ●: OFF ※: BLINK

NO.	ADJUST ITEM	FUNCTION LEC				
						
00	H-PHASE	○	●	●	●	●
01	H-SIZE	●	○	●	●	●
02	V-POSI	●	●	○	●	●
03	V-SIZE	●	●	●	○	●
04	COLOR					
05	G-GAIN (COLOR3)	○	○	●	●	○
06	E-GAIN (COLOR3)	●	○	○	●	○
07	R-GAIN (COLOR3)	●	●	○	○	○
08	ROTATION	○	●	○	●	○
09	PCC-AMP-FINE	○	○	●	●	●
0A	PCC-AMP	○	○	○	●	●
0B	PCC-PHASE <i>Key</i>	○	○	○	○	●
0C	KEY-BALANCE	○	○	○	○	○
0D	PIN-BALANCE	●	●	●	●	●
0E	H-STATIC	●	○	●	○	●
0F	V-LINEAR	●	○	●	○	○
10	G-GAIN (COLOR1)	○	●	●	●	○
11	B-GAIN (COLOR1)	●	○	●	●	○
12	R-GAIN (COLOR1)	●	●	○	●	○
13	G-GAIN (COLOR2)	●	○	○	○	○
14	B-GAIN (COLOR2)	○	●	○	○	○
15	R-GAIN (COLOR2)	○	○	●	○	○
16	G-BIAS	●	●	●	○	○
17	B-BIAS	●	●	○	○	●
18	R-BIAS	●	○	○	●	●
19	H-CENT	○	○	●	○	●
1A	DBF-V	○	●	●	○	●
1B	DBF-H	○	●	●	○	○
1C	H-OSC-HI	○	○	○	●	○
1D	H-OSC-LO	●	○	○	○	●
	COLOR SELECT					
	COLOR 1	※○	●	●	●	○
	COLOR 2	●	※○	●	●	○
	COLOR 3	●	●	※○	●	○

+ Adjust Erw.
beim Einstellen

ENGINEERING INFORMATION

to : MIRO: Mr.J.Hartig	ECI No. <div style="text-align: center; font-size: 1.2em;">C0663</div>									
	DATE 1994-April-18th									
	DRAWN BY K.Noshita									
	CHECKED BY T.Nagamine <i>T. Nagamine</i>									
	MODEL C2185 (THZ8125SFKW)									
SUBJECT Power circuit failure										
DESCRIPTION OF INFORMATION : <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 35%; text-align: center;">Current</th> <th style="width: 35%; text-align: center;">New</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Ref. No.</td> <td style="text-align: center;">Specification</td> <td style="text-align: center;">Specification</td> </tr> <tr> <td style="text-align: center;">C961</td> <td style="text-align: center;">---</td> <td style="text-align: center;">C-CERAMIC 2KV 220P</td> </tr> </tbody> </table>			Current	New	Ref. No.	Specification	Specification	C961	---	C-CERAMIC 2KV 220P
	Current	New								
Ref. No.	Specification	Specification								
C961	---	C-CERAMIC 2KV 220P								
REASON FOR ISSUE : <p style="margin-top: 10px;">Corrective action for field failure.</p> <p>We evaluated the failure unit sent back from HP and found that D909, IC902, and R909 were defective. We tried to reproduce this failure but we could not. During power on/off cycling, we observed spike noise across D909 and sometime this spike voltage excess the diode specification. although this spike noise do not make any degradation of D909 during our test, we think there is possibility that D909 is broken by this spike voltage.</p> <p>above C961 added in parallel with D909 reduces this spike and limits it within the diode specification.</p> <p>Although this is not a 100% countermeasure because we could not reproduce this failure, we'd like to apply this change and observe the change of failure rate.</p>										
APPLIED FROM : S/N: 401001759~	MELCO Q/A APPROVED BY <div style="text-align: center; font-size: 1.2em;"><i>S. Nakamura</i></div>									
<table style="width: 100%;"> <tr> <td style="width: 40%;">This change should be applied to the unit</td> <td> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input checked="" type="checkbox"/> when unit is returned as usual repair. <input type="checkbox"/> not necessarily. </td> </tr> </table>		This change should be applied to the unit	<input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input checked="" type="checkbox"/> when unit is returned as usual repair. <input type="checkbox"/> not necessarily.							
This change should be applied to the unit	<input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input checked="" type="checkbox"/> when unit is returned as usual repair. <input type="checkbox"/> not necessarily.									

ENGINEERING INFORMATION

to : MIRO : Mr.J.Hartig	ECI No. <div style="text-align: center; font-size: 1.2em;">C 0662</div>									
	DATE 1994-April-18th									
	DRAWN BY K.Noshita									
	CHECKED BY T.Nagamine <i>T. Nagamine</i>									
	MODEL C2185 (THZ8125SFKW)									
SUBJECT HV protector										
DESCRIPTION OF INFORMATION : <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Ref.No.</th> <th style="text-align: left;">Current Specification</th> <th style="text-align: left;">New Specification</th> </tr> </thead> <tbody> <tr> <td>R504</td> <td>R-CARBON 1/2W 1.5K-J</td> <td>R-METAL 1/2W 820-J</td> </tr> <tr> <td></td> <td>PCB-Deflection</td> <td></td> </tr> </tbody> </table>		Ref.No.	Current Specification	New Specification	R504	R-CARBON 1/2W 1.5K-J	R-METAL 1/2W 820-J		PCB-Deflection	
Ref.No.	Current Specification	New Specification								
R504	R-CARBON 1/2W 1.5K-J	R-METAL 1/2W 820-J								
	PCB-Deflection									
REASON FOR ISSUE : <p style="margin-top: 10px;">To improve productivity.</p> <p>Due to the performance distribution of TH601, can not turn on with 1.5K ohm load resister.</p>										
APPLIED FROM : S/N : 401001759~	MELCO Q/A APPROVED BY <i>S. Nakamura</i>									
This change should be applied to the unit <div style="float: right; margin-top: 10px;"> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input type="checkbox"/> when unit is returned as usual repair. <input checked="" type="checkbox"/> not necessarily. </div>										

ENGINEERING INFORMATION

to : MIRO : Mr.J.Hartig	ECI No. <div style="text-align: center; font-size: 1.2em;">C0664</div>
	DATE 1993-April-18th
	DRAWN BY K.Noshita
	CHECKED BY T.Nagamine <i>T. Nagamine</i>
	MODEL C2185 (THZ8125SFKW)
SUBJECT Countermeasure for Spot when turned off	
DESCRIPTION OF INFORMATION : see attached list detail changes. All changes are shown in attachment-A(circuit diagram).	
REASON FOR ISSUE : Due to the change of PCC circuit, turn off spot is sometime observed. This change is to eliminate turn off spot.	
APPLIED FROM : S/N : 401001759~	MELCO Q/A APPROVED BY <i>S. Nakamura</i>
This change should be applied to the unit <div style="float: right; margin-top: 10px;"> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input type="checkbox"/> when unit is returned as usual repair. <input checked="" type="checkbox"/> not necessarily. </div>	

ENGINEERING INFORMATION

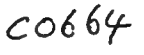
ECI No.

C0664

Current		New
Ref. No.	Specification	Specification
PCB-Deflection		
D537	---	DIODE HZ3B2
D538	---	DIODE RM-1Z
D539	---	DIODE RM-1Z
F501	---	FUSE 1A
Q571	---	TRANSISTER 2SC2655
R593	---	R-CARBON 1/2W 1.0-J
R594	---	R-CARBON 1/4W 5.6K-J

ENGINEERING INFORMATION

to : MIRO : Mr.J.Hartig	ECI No. <div style="text-align: center; font-size: 1.2em;">C0665</div>									
	DATE 1993-April-18th									
	DRAWN BY K.Noshita									
	CHECKED BY T.Nagamine <i>T. Nagamine</i>									
	MODEL C2185 (THZ8125SFKW)									
SUBJECT Fuse type change										
DESCRIPTION OF INFORMATION : <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Ref.No.</th> <th style="text-align: left;">Current Specification</th> <th style="text-align: left;">New Specification</th> </tr> </thead> <tbody> <tr> <td>PCB-Power</td> <td></td> <td></td> </tr> <tr> <td>F901</td> <td> 250V 4A TIME LAG TYPE GLASS TUBE INTERRUPTING CURRENT -35A W/W Regulation Indication-250V T4A </td> <td> 250V 4A TIME LAG TYPE CERAMIC TUBE INTERRUPTING CURRENT -1500A W/W Regulation Indication-250V T4AH </td> </tr> </tbody> </table> <p style="margin-top: 10px;">see attached figure for the change of indication of fuse in "service man warning" on the rear plate of video unit.</p>		Ref.No.	Current Specification	New Specification	PCB-Power			F901	250V 4A TIME LAG TYPE GLASS TUBE INTERRUPTING CURRENT -35A W/W Regulation Indication-250V T4A	250V 4A TIME LAG TYPE CERAMIC TUBE INTERRUPTING CURRENT -1500A W/W Regulation Indication-250V T4AH
Ref.No.	Current Specification	New Specification								
PCB-Power										
F901	250V 4A TIME LAG TYPE GLASS TUBE INTERRUPTING CURRENT -35A W/W Regulation Indication-250V T4A	250V 4A TIME LAG TYPE CERAMIC TUBE INTERRUPTING CURRENT -1500A W/W Regulation Indication-250V T4AH								
REASON FOR ISSUE : <p style="margin-top: 10px;">DEMKO requests to use the fuse which has higher rating of interrupting current. Also, TUV is considering to add similar requirement to their regulation.</p>										
APPLIED FROM : S/N : 401001759~	MELCO Q/A APPROVED BY <div style="text-align: center; font-size: 1.2em;"><i>S. Nakamura</i></div>									
This change should be applied to the unit <div style="float: right; margin-top: 10px;"> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input type="checkbox"/> when unit is returned as usual repair. <input checked="" type="checkbox"/> not necessarily. </div>										



⁸
(3/3)

Current

New

FUSE REPLACEMENT WARNING
WARNING: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATINGS OF FUSE. REFER REPLACEMENT TO QUALIFIED SERVICE PERSONNEL.

AVERTISSEMENT:
REEMPLACEMENT DES FUSIBLES
AFIN D'ÉVITER TOUT RISQUE D'INCENDIE, UTILISEZ QUE DES FUSIBLES RECOMMANDÉS PAR LE MANUFACTURIER, DEMANDEZ L'AIDE D'UN TECHNICIEN QUALIFIÉ.

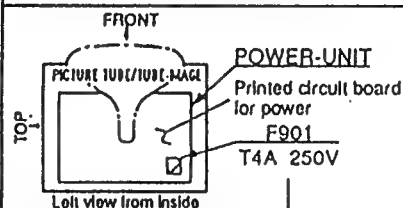
AUSWECHSELN DER SICHERUNG
WARNUNG: VERWENDEN SIE ALS ERSATZ-SICHERUNG NUR EINE SICHERUNG DESSELBEN TYPUS MIT DENSELBEN TECHNISCHEN DATEN, UM EINEN DAUERHAFTEN SCHUTZ GEGEN FEUER ZU GEWÄHRLEISTEN. ÜBERLASSEN SIE DAS AUSWECHSELN QUALIFIZIERTEN SERVICE-TECHNIKERN.

ヒューズ交換時の注意

注意: ヒューズ交換時には、火災事故を防止するために、同一定格・型名のもので交換下さい。

SERVICE MAN WARNING
X-RAY PRECAUTION

THIS PRODUCT INCLUDES CRITICAL MECHANICAL AND ELECTRICAL PARTS WHICH ARE ESSENTIAL FOR X-RADIATION SAFETY. FOR CONTINUED SAFETY REPLACE CRITICAL COMPONENTS INDICATED IN THE SERVICE MANUAL ONLY WITH EXACT REPLACEMENT PARTS GIVEN IN THE PARTS LIST. REFER TO SERVICE MANUAL FOR OPERATING HIGH VOLTAGE AT MINIMUM BRIGHTNESS, MEASUREMENT PROCEDURES AND PROPER SERVICE ADJUSTMENT.



A	B	C	D	E	F	SERIAL NO.
G	H	J	K	L	M	
N	P	O	R	S	T	
U	V	W	X	Y	Z	

Printed in Japan/Imprimé au Japon CP850C294A10

T4A 250V

FUSE REPLACEMENT WARNING
WARNING: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATINGS OF FUSE. REFER REPLACEMENT TO QUALIFIED SERVICE PERSONNEL.

AVERTISSEMENT:
REEMPLACEMENT DES FUSIBLES
AFIN D'ÉVITER TOUT RISQUE D'INCENDIE, UTILISEZ QUE DES FUSIBLES RECOMMANDÉS PAR LE MANUFACTURIER, DEMANDEZ L'AIDE D'UN TECHNICIEN QUALIFIÉ.

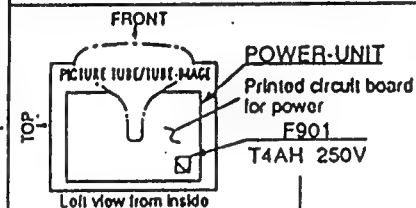
AUSWECHSELN DER SICHERUNG
WARNUNG: VERWENDEN SIE ALS ERSATZ-SICHERUNG NUR EINE SICHERUNG DESSELBEN TYPUS MIT DENSELBEN TECHNISCHEN DATEN, UM EINEN DAUERHAFTEN SCHUTZ GEGEN FEUER ZU GEWÄHRLEISTEN. ÜBERLASSEN SIE DAS AUSWECHSELN QUALIFIZIERTEN SERVICE-TECHNIKERN.

ヒューズ交換時の注意

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A	B	C	D	E	F	SERIAL NO.
G	H	J	K	L	M	
N	P	O	R	S	T	
U	V	W	X	Y	Z	

Printed in Japan/Imprimé au Japon CP850C294A40

T4AH 250V

Information

Changing the indication of Fuse rating from "250V T4A" to "250V T4AH".

ENGINEERING INFORMATION

to : MIRO : Mr.J.Hartig	ECI No. <div style="text-align: center; font-size: 1.2em;">C0666</div>
	DATE <div style="text-align: center;">1993-April-18th</div>
	DRAWN BY <div style="text-align: center;">K.Noshita</div>
	CHECKED BY <div style="text-align: center;">T.Nagamine <i>T. Nagamine</i></div>
	MODEL <div style="text-align: center;">C2185 (THZ8125SFKW)</div>
SUBJECT <div style="text-align: center;">PCB-Improvement</div>	
DESCRIPTION OF INFORMATION : Following PCB's are re-layouted: <div style="margin-top: 10px;"> PCB-Deflection: CP210A141-10---->CP210A156-10, Modifications and circuit improvements are embedded. PCB-Control : CP210B042-10--->CP210B049-10, Modifications and circuit improvements are embedded. <div style="margin-left: 400px;">Jitter improvement circuit installed in PCB-I/F is also embedded into this PCB.</div> PCB-Video : CP210A144-10---->CP210A154-10, Modifications are embedded. </div>	
REASON FOR ISSUE : <div style="margin-top: 10px;">Improving performance and productivity.</div>	
APPLIED FROM : <div style="text-align: center;">S/N : 401001759~</div>	MELCO Q/A APPROVED BY <div style="text-align: center;"><i>S. Nakamura</i></div>
This change should be applied to the unit <div style="float: right; margin-top: 10px;"> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input type="checkbox"/> when unit is returned as usual repair. <input checked="" type="checkbox"/> not necessarily. </div>	

1. PCB-Deflection

(1) Re-layout for modifications already applied on production unit

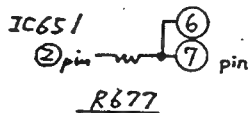
① C660, R676 → embedded



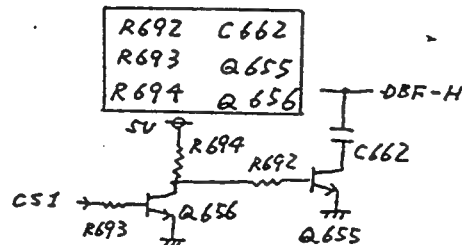
② solder side → embedded



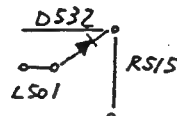
③ Solder side → embeded



④ followings are added → embedded on the solder side



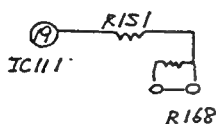
⑤ solder side → embeded



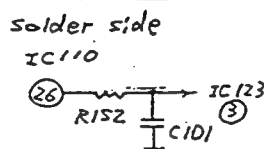
2. PCB-Control

(1) Re-layout for modifications already applied on production unit

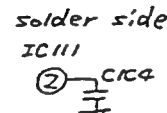
① R151 → embedded



② R152, C101 → embedded



③ C104 → embedded

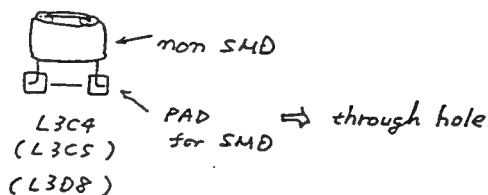


④ Remove J1X4 lead connector

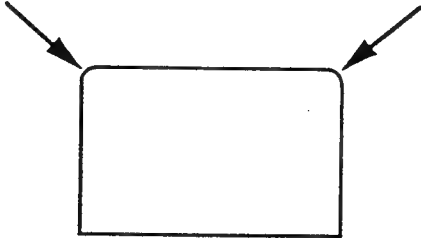
3. PCB-Video

(1) Re-layout for modifications already applied on production unit

① L3C4, L3C5, L3D8 → embedded



ENGINEERING INFORMATION

to: MIRO : Mr.J.Hartig	ECI No. <div style="text-align: center; font-size: 1.2em;">C0667</div>
	DATE 1993-April-18th
	DRAWN BY K.Noshita
	CHECKED BY T.Nagamine <i>T. Nagamine</i>
	MODEL C2185 (THZ8125SFKW)
SUBJECT Improvement of Distortion	
DESCRIPTION OF INFORMATION : see attached list detail changes. Main part of this changes is the change of method which is explained in attachment-A. All changes are shown in the circuit diagram in attachment-B.	
REASON FOR ISSUE : To improve the distortion shown below. <div style="text-align: center;">  </div>	
APPLIED FROM : S/N : 401001759~	MELCO Q/A APPROVED BY <i>S. Nakamura</i>
This change should be applied to the unit	
<div style="display: flex; justify-content: flex-end;"> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input type="checkbox"/> when unit is returned as usual repair. <input checked="" type="checkbox"/> not necessarily. </div>	

ENGINEERING INFORMATION

ECI No.

20667

Current		New
Ref. No.	Specification	Specification
PCB-Deflection		
C519	C-PLASTIC 100V 0.01M-J	C-PLASTIC 50V 0.056M-J
C523	C-ELECTROLYTIC 50V 100M-M	C-ELECTROLYTIC 50V 47M-M
C528	C-POLYESTER 50V 0.033M-K	C-POLYESTER 50V 0.1M-K
C529	C-ELECTROLYTIC 200V 2.2M-M	C-ELECTROLYTIC 200V 10M-M
C532	C-ELECTROLYTIC 200V 22M-M	DELETED
C564	---	C-ELECTROLYTIC 250V 22M-M
C571	---	C-ELECTROLYTIC 50V 2.2M-M
D534	---	DIODE 1S2076/1S2471
D535	---	DIODE 1S2076/1S2471
D536	---	DIODE 1S2076/1S2471
IC501	HIC CP267P057-20	HIC CP267P057-30 see attachment-A
J506	13PIN	15PIN Connector between PCB-DEFL and CONT.
L503	CHOKE COIL 3.3mH CP321P053-10	CHOKE COIL 3.3mH CP321P078-10
L513	COIL 8200MH	DELETED
L516	---	COIL 100MH
Q569	---	TRANSISTER 2SA1015
R518	R-METAL 3W 33-J	R-METAL 3W 47-J
R529	R-METAL 1/4W 36K-F	R-METAL 1/4W 20K-F
R530	R-METAL 1/4W 6.8K-F	R-METAL 1/4W 3.6K-F
R547	R-CARBON 1/2W 56-J	DELETED
R585	---	R-METAL 1/4W 15K-F
R586	---	R-CARBON 1/4W 39K-J
D555	---	DIODE HZ2B1) Added on DIODE HZ2B1) solder side of IC501
D556	---	
C572	---	C-CERAMIC 50V 2200PF) Added on solder side of D536
R546	R-METAL 1W 82-J	R-METAL 1W 47-J
L530	---	COIL 3300MH) C-ELECTROLYTIC 200V 22M-M) R-CARBON 1/4W 56-J) Added on solder side of 505
C573	---	
R595	---	
C574	---	C-ELECTROLYTIC 50V 22M-M

ENGINEERING INFORMATION

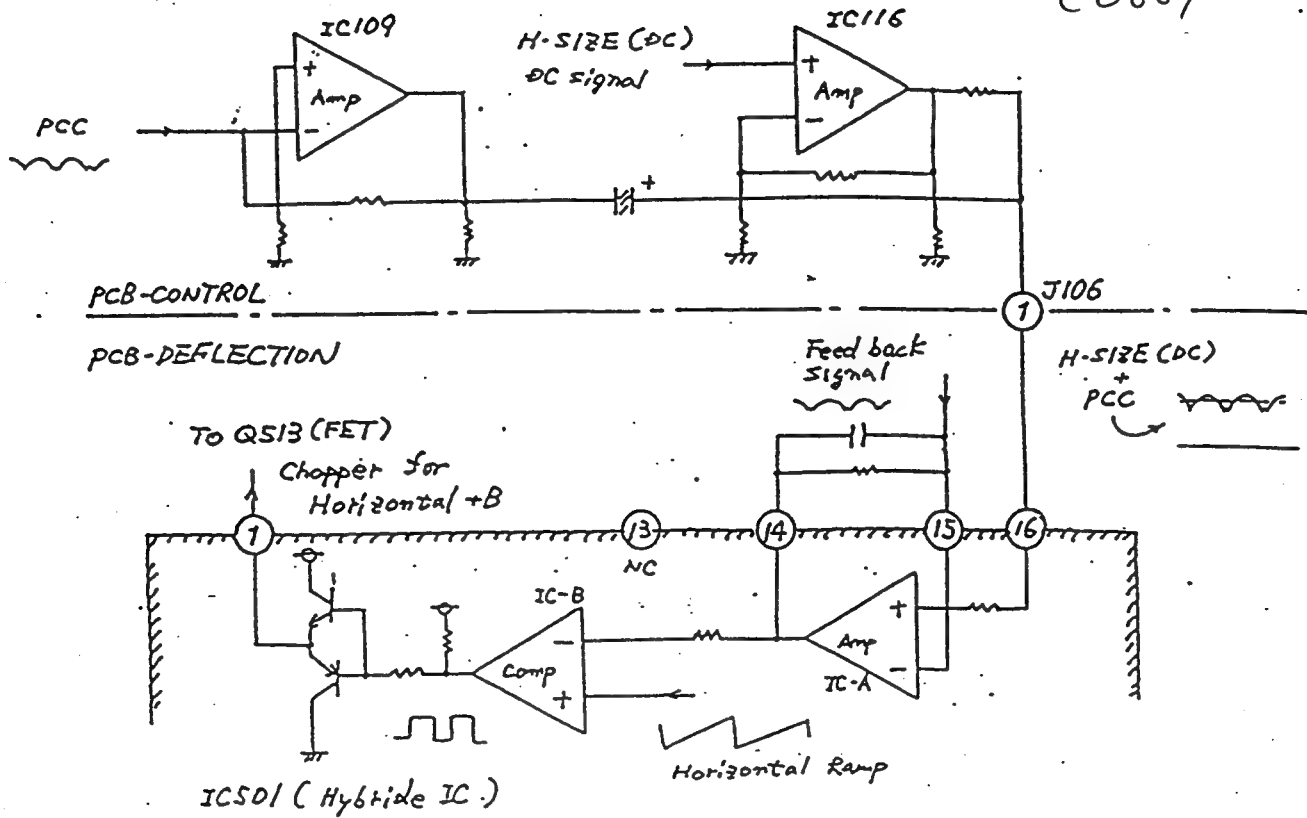
ECI No.

00667

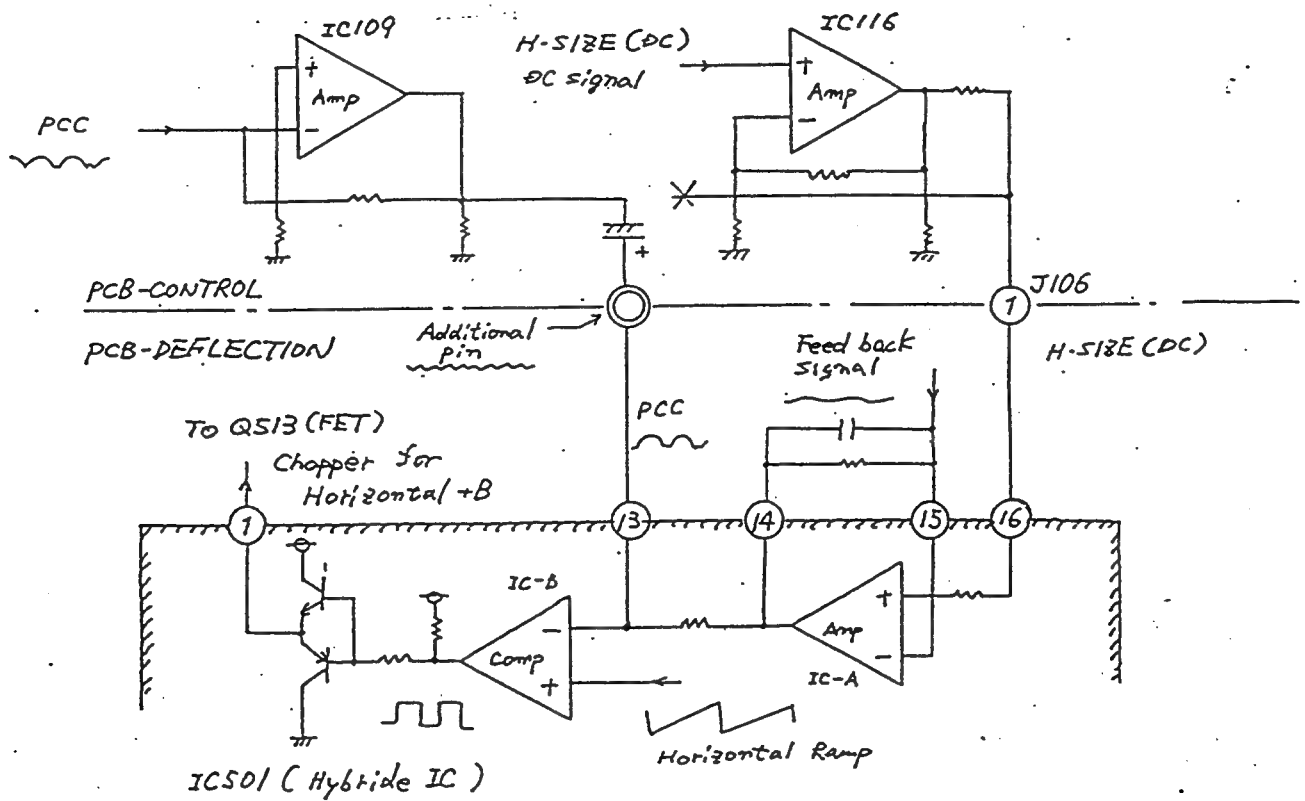
Current		New
Ref. No.	Specification	Specification
PCB-Control		
J106	13PIN	15PIN
R1T1	---	R-CARBON-CHIP 1/10W 470-J
R1J6	R-CARBON-CHIP 1/10W 33K-J	R-CARBON-CHIP 1/10W 470-J
R1Q1	R-CARBON-CHIP 1/10W 47K-J	R-CARBON-CHIP 1/10W 39K-J
D151	---	DIODE-CHIP HSK120TR

Current Circuit

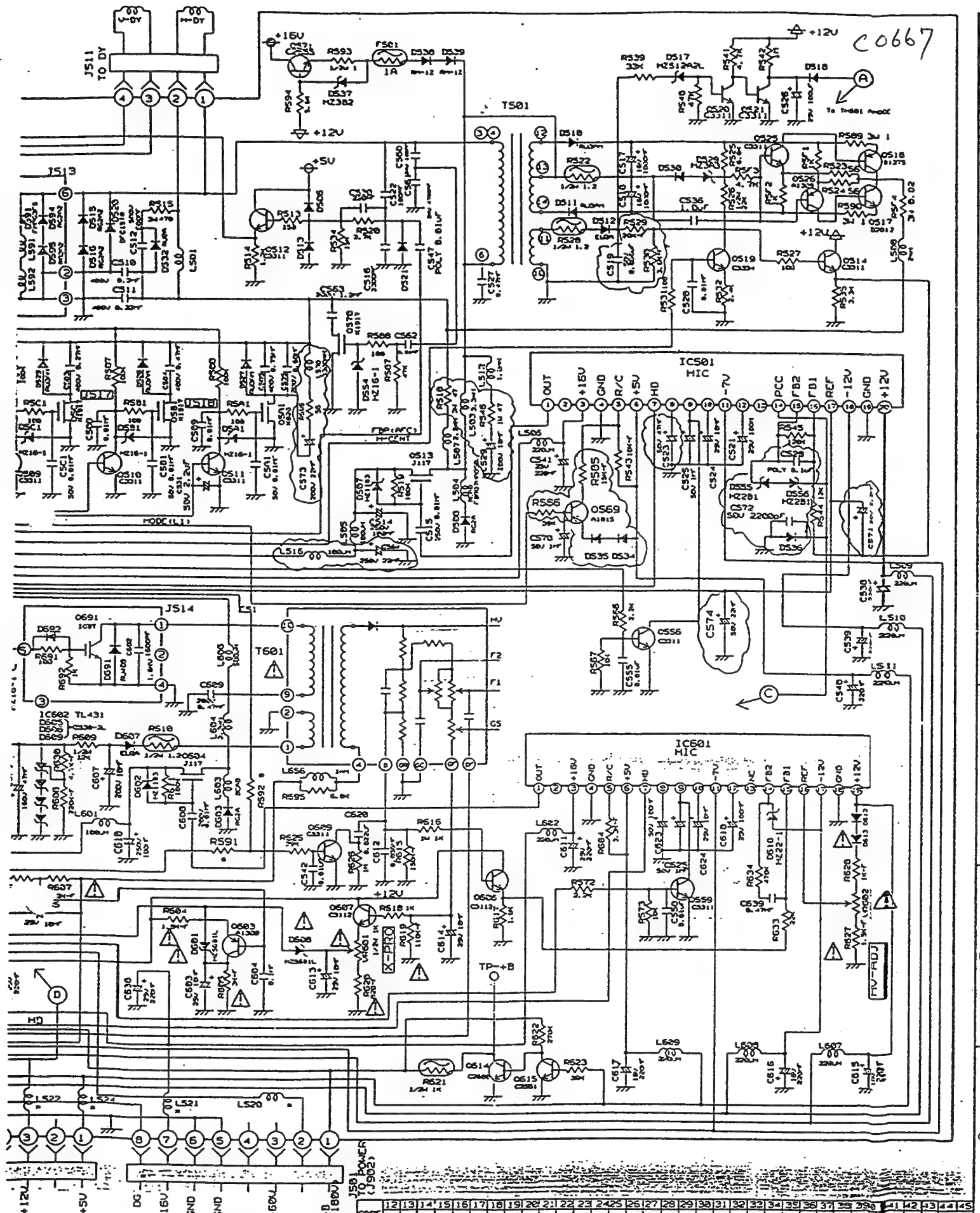
CO667



Improved Circuit



ATTACHMENT - A



図面番号 1		社名 MITSUBISHI ELECTRIC CORPORATION NAGASAKI WORKS		日付 1992-9-10		承認 APPROVED		図名 SCHEMATIC-DIAGRAM-DEF L	
縮尺 NTS		描画 OHEO		設計 DESIGNED		添付 ATTACHMENT-B		備考 (5/6)	

ENGINEERING INFORMATION

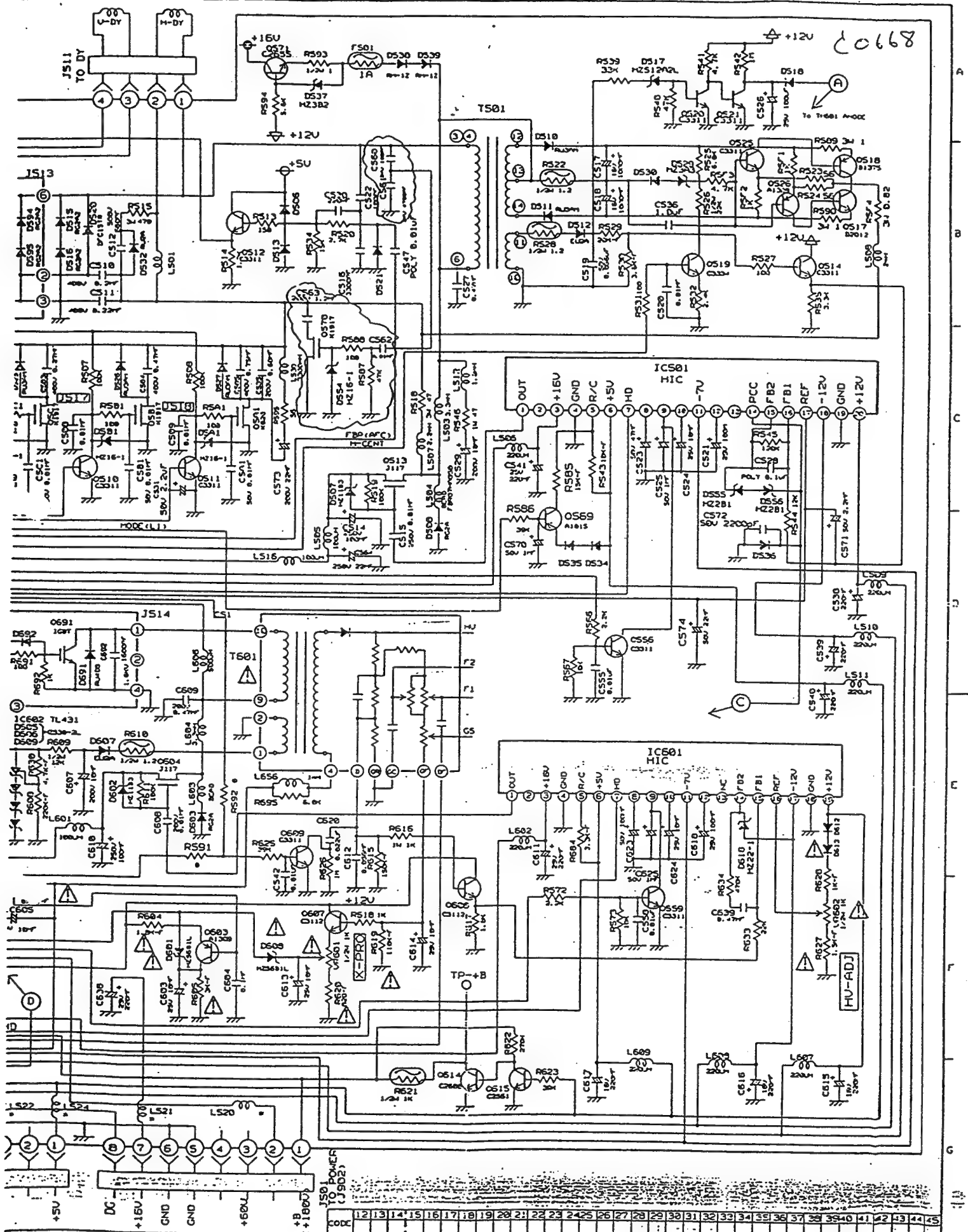
to : MIRO : Mr.J.Hartig	ECI No. <div style="text-align: center; font-size: 1.2em;">C0668</div>
	DATE 1993-April-18th
	DRAWN BY K.Noshita
	CHECKED BY T.Nagamine <i>T. Nagamine</i>
	MODEL C2185 (THZ8125SFKW)
SUBJECT Horizontal Jitter Improvement	
DESCRIPTION OF INFORMATION : see attached list detail changes. All changes are shown in the circuit diagram in attachment-A.	
REASON FOR ISSUE : Due to the change of PCC circuit and new PCB-Control, the horizontal jitter performance is a little bit changed. These changes are to compensate this performance change.	
APPLIED FROM : [S/N]	THZ8155SKTKL(MEUK): 312000201~ SKTKL (MEG) : 312000621~ SFKL (MEG) : 312000031~ SKTK (MELA): 312001466~
MELCO Q/A APPROVED BY <i>S. Nakamura</i>	
This change should be applied to the unit	
<div style="display: flex; justify-content: flex-end;"> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input type="checkbox"/> when unit is returned as usual repair. <input checked="" type="checkbox"/> not necessarily. </div>	

ENGINEERING INFORMATION

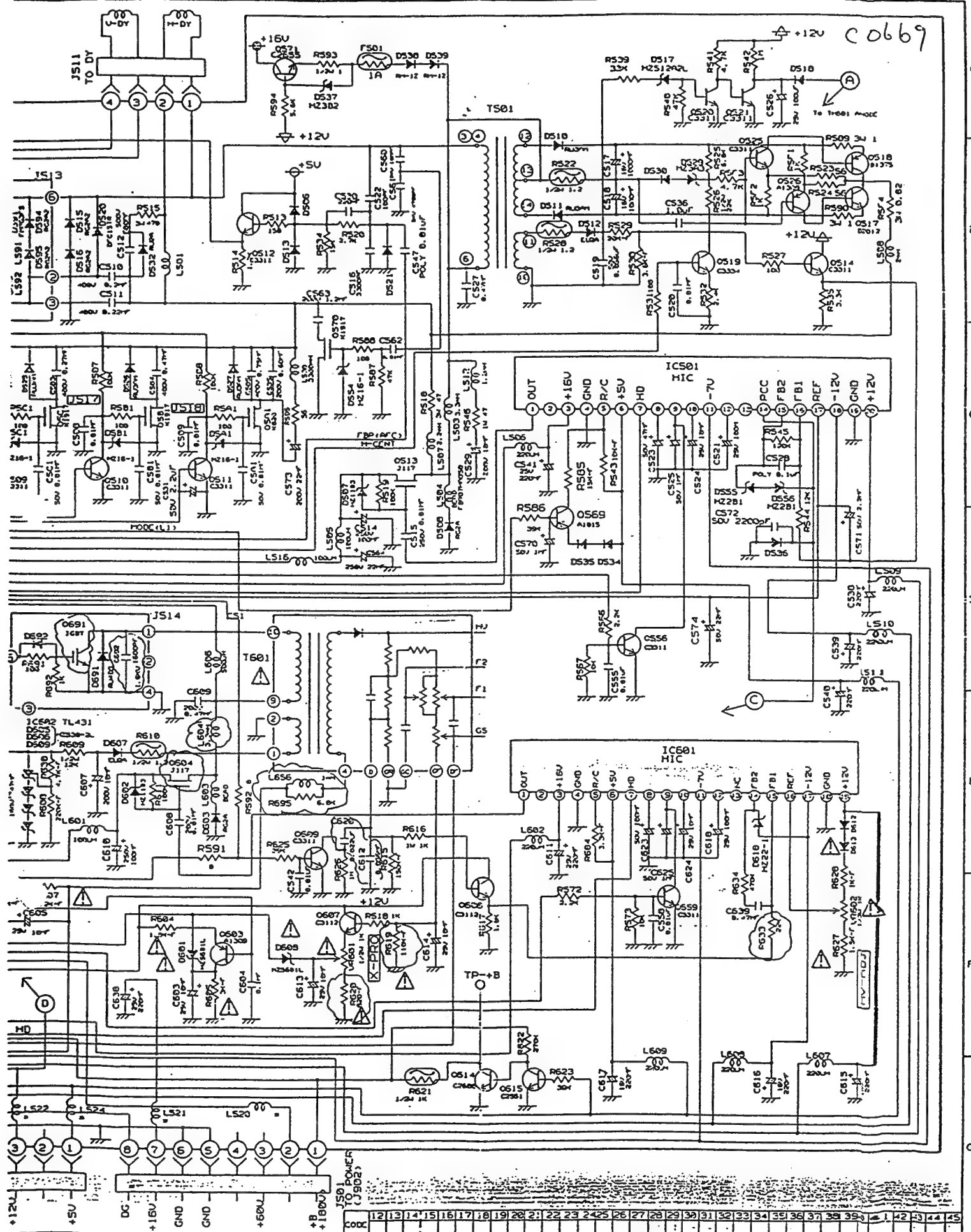
ECI No.


C0668

Current		New
Ref. No.	Specification	Specification
PCB-Deflection		
C560	---	C-CERAMIC 2KV 100PF
C561	---	C-CERAMIC 2KV 4700PF
C562	---	C-CERAMIC 50V 0.01M-K
C563	---	C-PLASTIC-PP 200V 1.2M-J
D554	---	DIODE HZ16-1
Q570	---	FET 2SK1917
R587	---	R-CARBON 1/4W 47K-J
R588	---	R-CARBON 1/4W 100-J
PCB-Control		
C130	C-POLYESTER 50V 0.015M-J	C-POLYESTER 50V 6800P-J or K
R1S7	R-CARBON-CHIP 1/10W 68K-J	R-CARBON-CHIP 1/10W 56K-J
R1S8	R-CARBON-CHIP 1/10W 120K-J	R-CARBON-CHIP 1/10W 180K-J
R1T0	---	R-CARBON-CHIP 1/10W 120K-J
R176	R-CARBON-CHIP 1/10W 5.6K-J	R-CARBON-CHIP 1/10W 3.9K-J



出図用 外注用 封入用		DIM. IN mm SCALE NTS		DATE 1992-9-18 DESIGNED		APPROVED DRAWN		TITLE SCHEMATIC-DIAGRAM-DEF		ATTACHMENT-A	
-------------------	--	----------------------------	--	-------------------------------	--	-------------------	--	--------------------------------	--	--------------	--



出図用 外注用 訂画	 MITSUBISHI ELECTRIC CORPORATION NAGASAKI WORKS
DIM. IN mm	DATE 1992-9-18
SCALE	DRAWN
NTS	CHECKED
	DESIGNED

SCHEMATIC-DIAGRAM-DFL	
ATTACHMENT-A	

ENGINEERING INFORMATION

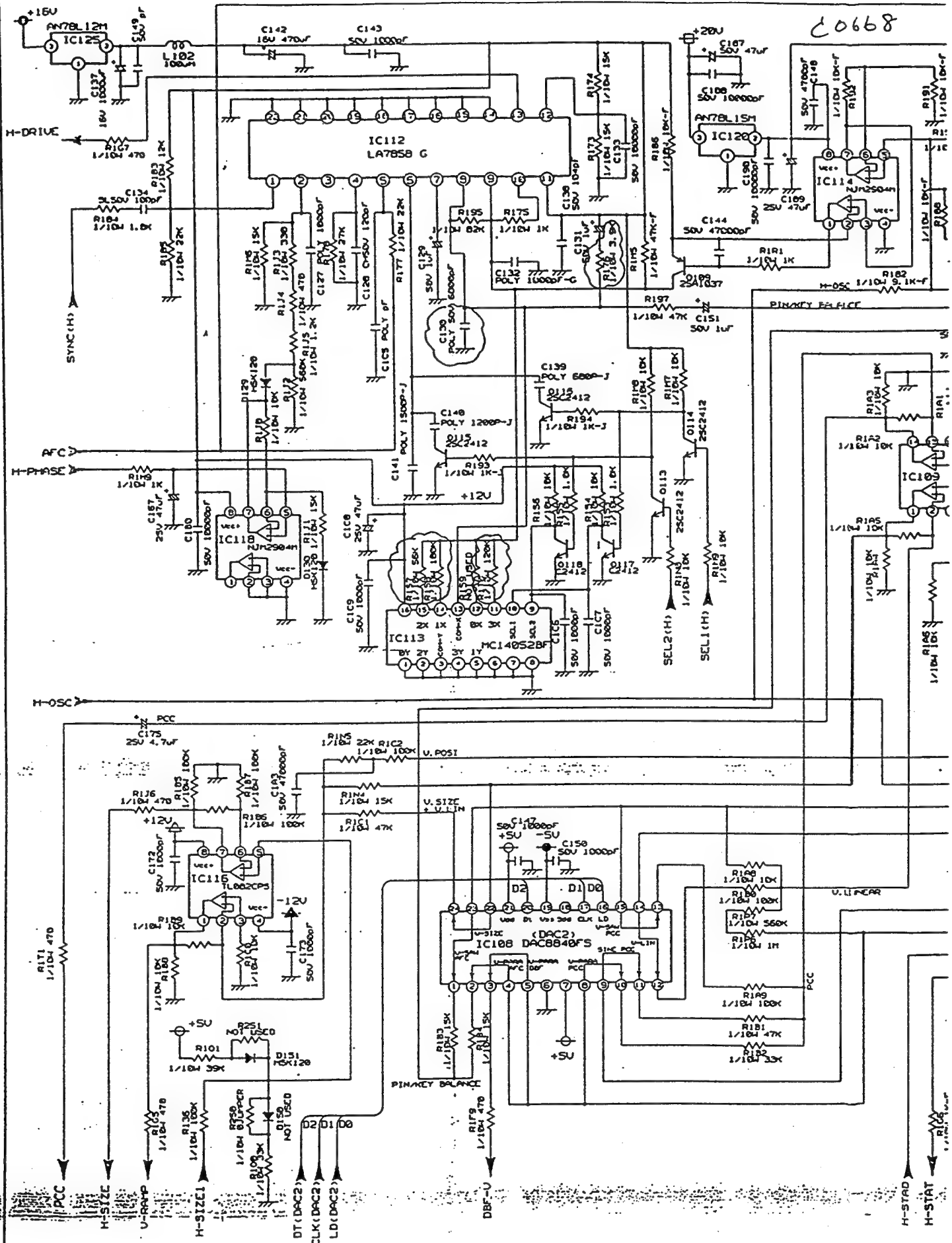
ECI No.

C0669

Ref. No.	Current Specification	New Specification
PCB-Deflection		
C661	C-CERAMIC 50V 130P-J	C-CERAMIC 50V 2200P-J
C662	C-POLYESTER 50V 4700P-K or J	C-POLYESTER 50V 1800P-K or J
C612	C-POLYESTER 50V 6800P-K or J	C-POLYESTER 50V 0.056M-K or J
C620	C-POLYESTER 50V 0.015M-K or J	C-POLYESTER 50V 0.022M-K or J
C692	C-PLASTIC 1.6KV 3000P-J	C-PLASTIC 1.8KV 1600P-J
D620	----	DIODE 1S2076A/1S2471
L604	CHOKE COIL 3.3mH CP321P053-10	CHOKE COIL 3.3mH CP321P078-10
L656	----	INDUCTOR 100MH
R504	R-CARBON 1/2W 1.5K-J	R-CARBON 1/2W 820-J
R619	R-CARBON 1/4W 91K-F	R-CARBON 1/4W 110K-F
R620	R-METAL 1/4W 1.2K-F	R-METAL 1/4W 820-F
R664	R-METAL 3W 56K-J	R-METAL 3W 68K-J
R665	R-METAL 3W 56K-J	R-METAL 3W 68K-J
R666	R-METAL 3W 56K-J	---- R-METAL 3W 68K-J
R607	R-CARBON 1/2W 1K-J	R-CARBON 1/2W 820-J
R675	R-CARBON 1/4W 10K-J	R-CARBON 1/4W 12K-J
R695	---	R-CARBON 1/4W 6.8K-J
R633	R-CARBON 1/4W 33K-J	R-CARBON 1/4W 22K-J
T601	FBT	FBT CP334P042-20
Q691	FET 2SK1362	IGBT
Q604	FET 2SJ306(250V)	FET 2SJ117(400V)

ENGINEERING INFORMATION

to: MIRO : Mr.J.Hartig	ECI No. <i>C0669</i>
	DATE 1993-April-18th
	DRAWN BY K.Noshita
	CHECKED BY T.Nagamine <i>T. Nagamine</i>
	MODEL C2185 (THZ8125SFKW)
SUBJECT Focus-Improvement	
DESCRIPTION OF INFORMATION : see attached list detail changes. All changes are shown in the circuit diagram in attachment-A.	
REASON FOR ISSUE : This change is to increase the dynamic focus voltage (DBF voltage) to improve focus performance.	
APPLIED FROM : S/N : 401001759~	MELCO Q/A APPROVED BY <i>S. Nakamura</i>
This change should be applied to the unit <div style="float: right;"> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input type="checkbox"/> when unit is returned as usual repair. <input checked="" type="checkbox"/> not necessarily. </div>	



DRAWING
TITLE=ZCONT-NEW
ABBREV=Z

LAST MODIFIED=Sat Jan 8 17:24:15 1994

SCHEMATIC & DIAGRAM
CONTROL

ENGINEERING INFORMATION

to : MIRO : Mr.J.Hartig	ECI No. C0670																		
	DATE 1994-April-18th																		
	DRAWN BY K.Noshita																		
	CHECKED BY T.Nagamine T. Nagamine																		
	MODEL C2185 (THZ8125SFKW)																		
SUBJECT Expanding the adjustment range of H-freerun frequency																			
DESCRIPTION OF INFORMATION : <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">Ref.No.</th> <th style="text-align: left; width: 35%;">Current Specification</th> <th style="text-align: left; width: 50%;">New Specification</th> </tr> </thead> <tbody> <tr> <td></td> <td>PCB-Control</td> <td></td> </tr> <tr> <td>R1P2</td> <td>R-CARBON-CHIP 1/10W 39K-F</td> <td>R-CARBON-CHIP 1/10W 33K-F</td> </tr> <tr> <td>R1P3</td> <td>R-CARBON-CHIP 1/10W 12K-F</td> <td>R-CARBON-CHIP 1/10W 10K-F</td> </tr> <tr> <td>R182</td> <td>R-CARBON-CHIP 1/10W 10K-F</td> <td>R-CARBON-CHIP 1/10W 9.1K-F</td> </tr> <tr> <td>D131</td> <td>DIODE HSK120TR</td> <td>DELETED</td> </tr> </tbody> </table> <p>These changes are to expand the adjustment range of H-freerun frequency and compensate thermal drift of picture position which is caused by this expanding.</p>		Ref.No.	Current Specification	New Specification		PCB-Control		R1P2	R-CARBON-CHIP 1/10W 39K-F	R-CARBON-CHIP 1/10W 33K-F	R1P3	R-CARBON-CHIP 1/10W 12K-F	R-CARBON-CHIP 1/10W 10K-F	R182	R-CARBON-CHIP 1/10W 10K-F	R-CARBON-CHIP 1/10W 9.1K-F	D131	DIODE HSK120TR	DELETED
Ref.No.	Current Specification	New Specification																	
	PCB-Control																		
R1P2	R-CARBON-CHIP 1/10W 39K-F	R-CARBON-CHIP 1/10W 33K-F																	
R1P3	R-CARBON-CHIP 1/10W 12K-F	R-CARBON-CHIP 1/10W 10K-F																	
R182	R-CARBON-CHIP 1/10W 10K-F	R-CARBON-CHIP 1/10W 9.1K-F																	
D131	DIODE HSK120TR	DELETED																	
REASON FOR ISSUE : To improve productivity.																			
APPLIED FROM : S/N : 401001759~	MELCO Q/A APPROVED BY S. Nakamura																		
This change should be applied to the unit																			
<div style="display: flex; justify-content: flex-end;"> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input type="checkbox"/> when unit is returned as usual repair. <input checked="" type="checkbox"/> not necessarily. </div>																			

(444)

ENGINEERING INFORMATION

to: MIRO : Mr.J.Hartig	ECI No. C0671															
	DATE 1994-April-18th															
	DRAWN BY K.Noshita															
	CHECKED BY T.Nagamine T. Nagamine															
	MODEL C2185 (THZ8125SFKW)															
SUBJECT Expanding adjustment range of raster centering																
DESCRIPTION OF INFORMATION : <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Ref.No.</th> <th style="text-align: left;">Current Specification</th> <th style="text-align: left;">New Specification</th> </tr> </thead> <tbody> <tr> <td></td> <td>PCB-Deflection</td> <td></td> </tr> <tr> <td>R532</td> <td>R-METAL 1/4W 2.7K-F</td> <td>R-METAL 1/4W 2.4K-F</td> </tr> <tr> <td>R589</td> <td>---</td> <td>R-METAL 3W 1.0-J</td> </tr> <tr> <td>R590</td> <td>---</td> <td>R-METAL 3W 1.0-J</td> </tr> </tbody> </table>		Ref.No.	Current Specification	New Specification		PCB-Deflection		R532	R-METAL 1/4W 2.7K-F	R-METAL 1/4W 2.4K-F	R589	---	R-METAL 3W 1.0-J	R590	---	R-METAL 3W 1.0-J
Ref.No.	Current Specification	New Specification														
	PCB-Deflection															
R532	R-METAL 1/4W 2.7K-F	R-METAL 1/4W 2.4K-F														
R589	---	R-METAL 3W 1.0-J														
R590	---	R-METAL 3W 1.0-J														
REASON FOR ISSUE : To improve productivity.																
APPLIED FROM : S/N : 401001759~	MELCO Q/A APPROVED BY S. Yamamura															
This change should be applied to the unit <div style="float: right; margin-top: 10px;"> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input type="checkbox"/> when unit is returned as usual repair. <input checked="" type="checkbox"/> not necessarily. </div>																

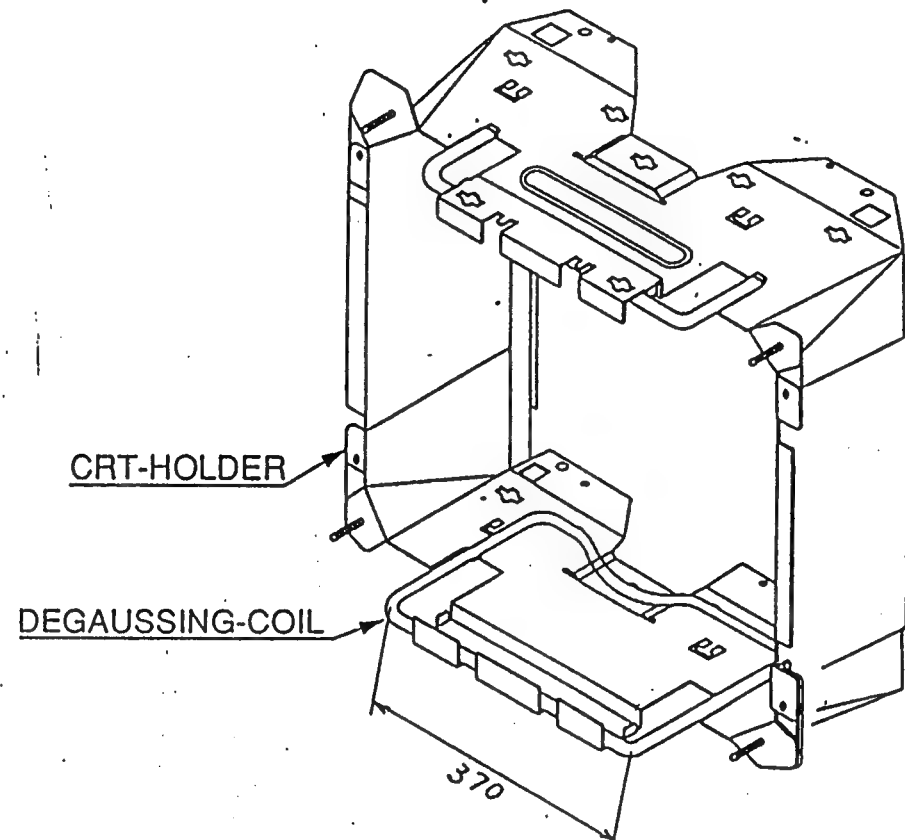
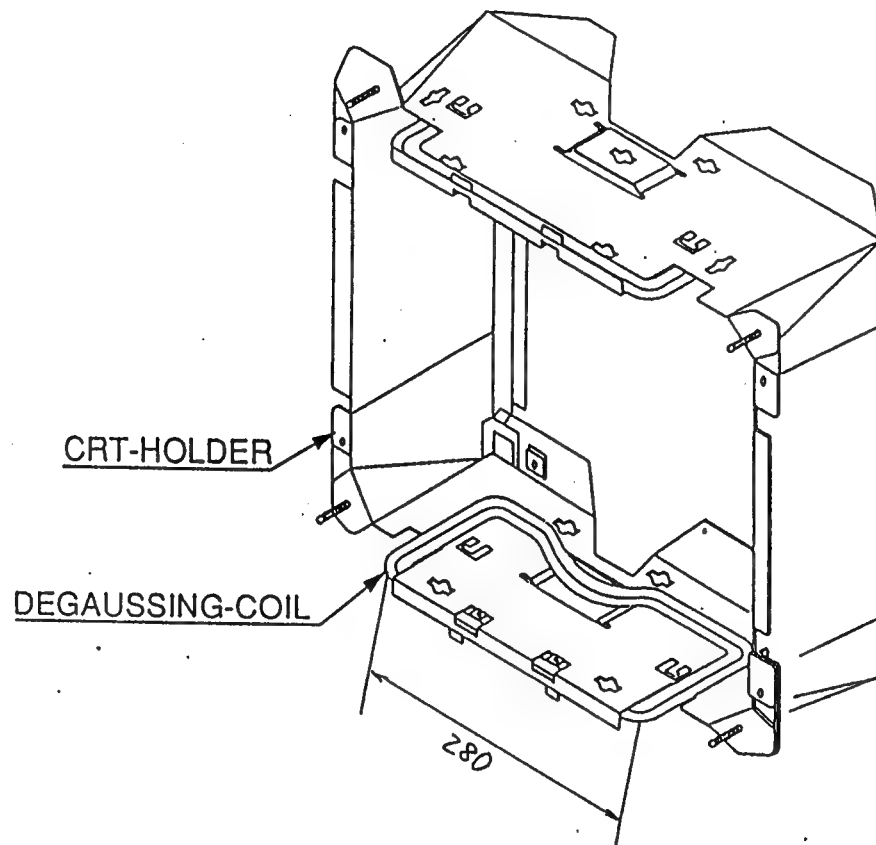
ENGINEERING INFORMATION

to : MIRO : Mr.J.Hartig	ECI No. C0672
	DATE 1993-April-18th
	DRAWN BY K.Noshita
	CHECKED BY T.Nagamine T.Nagamine
	MODEL C2185 (THZ8125SFKW)
SUBJECT Shape of CRT-HOLDER and DEGAUSS COIL	
DESCRIPTION OF INFORMATION : see attached figure.	
REASON FOR ISSUE : To improve productivity and degauss capability.	
APPLIED FROM : S/N : 401001759~	MELCO Q/A APPROVED BY S. Nakamura
This change should be applied to the unit <div style="float: right; margin-top: 10px;"> <input type="checkbox"/> in the field. <input type="checkbox"/> in stock. <input type="checkbox"/> when unit is returned as usual repair. <input checked="" type="checkbox"/> not necessarily. </div>	

Current

New

(2/2)

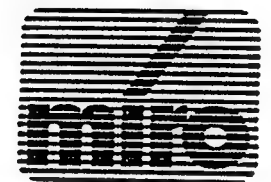


Information

Changing the shape of CRT-HOLDER and
DEGAUSSING-COIL.

CO692

miroPROOFSCREEN-Familie Besonderheiten



Messrs. _____

Project: _____

TENTATIVE

TECHNICAL SPECIFICATION

FOR

21 (20V) DIGITAL CONTROL
AUTO TRACKING
COLOR DISPLAY MONITOR

MODEL NO. THZ8105S*KW

DATE : JAN. 12, 1993

MITSUBISHI ELECTRIC CORPORATION

DOCUMENT NO.VSP-C0201

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- 2.2 Electromagnetic Radiation
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- 2.4 Warning

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- 3.2 Power Supply
- 3.3 Signal Input
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APPENDIX

1.SCOPE

This document contains specification that establish the technical informations for a super high line rate color display monitor with a digital auto-tracking function.

2.REGULATIONS

2.1 Safety UL1950
 CSA C22.2 or NO.950
 TÜV Safety EN 60950 , ERGO-mark
 MPR- II

2.2 Electromagnetic
 Comply with FCC-47CFR Part 15 Subpart B class-A,
 VDE-DBP Vfg 243 / VDE 0871 / 06.78 class-B.

2.3 X-Ray
 Comply with DHHS Title21 Chapter I Subchapter J, PTB. RöV Vom 8.1. 1987.

2.4 WARNING

(1)X-ray precaution

Safety circuit is provided to prevent ocasional increase of the high voltage that may cause radiation of hamfull level.

No modification shall be applied on the high voltage and safety circuit.

(2)Electromagnetic radiation

Radiation energy of this monitor fully depends on the input signal.

User are requested to make sure of the total radiation level as a system integrated.

3. ELECTRIC CHARACTERISTICS

3.1 CRT Description

1)Size	20inch Visual
2)Deflection angle	90 degree
3)Electron gun	In-line type
4)Focusing methd	Electro-static
5)Convergence method	Magnetic / Electro-static
6)Mask type	Black matrix Aperture Grille
7)Trio spacing	0.31 mm
8)Array	Vertical line trios
9)Phosphor type	EBU

Color coordinate

Color	Green	Blue	Red
X	0.280	0.155	0.625
Y	0.595	0.070	0.340

10) Phosphor persistence	Medium short
11) Implosion protection	Tension Band
12) Light transmission	39% (Approx)
	AR panel with anti-static coating
	- Model THZ8105SFKW
	AR coating with anti-static coating
	- Model THZ8105SKTKW

3.2 Power Supply

1) Input voltage

100~120/220~240VAC $\pm 10\%$
50/60Hz(Auto voltage select)

2) Power consumption

nominal 150W

Power saving function

Suspend mode : < 30W - H or V-sync. stop

Power off mode : < 5W - H and V-sync. stop

3) AC leakage current

less than 3.5mA

4) Inrush current

less than 70A o-peak(at 120V AC/at
240VAC on cold starting)

3.3 Signal Input

1) Video input signal

R.G.B analog

2) Sync input signal

Composite sync with Green video

External composite sync.

H.V separate sync.

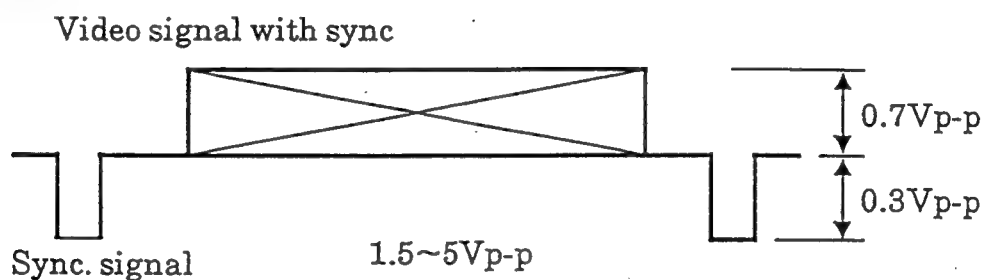
3) Video input impedance

75ohm to ground

4) Sync. input impedance

1K ohm to ground / 75 ohm to ground

5) Signal level



6) Timing chart

see APPENDIX-1

3.4	Deflection	
	1).Horizontal deflection	
	Scanning frequency	30~85KHz
	Back porch	1.5 μ sec(min)
	Blanking	2.9 μ sec(typ)
	2).Vertical deflection	
	Scanning frequency	50~152Hz
	Blanking time	0.5msec(typ)
	Sync. pluse width	3H(typ)
3.5	High Voltage	27KV(std)
3.6	Degaussing	Auto degaussing Manual degaussing
3.7	Video Performance	
	1) Video band width	50Hz~150MHz \pm 3dB(typ)
	2) Pulse rise and fall time	4nsec(typ)
3.8	Warm Up Time	30min

X-RADIATION WARNING

The surface of picture tube may generate X-Radiation. Precaution during servicing, and if possible use of a lead apron or metal for shielding is recommended. To avoid possible exposure to X-Radiation and electrical shock hazard, the high voltage compartment and the picture tube shield must be kept in place whenever the chassis is in operation. When replacing picture tube use only designed replacement part since it is a critical component with regard to X-Radiation as noted above.

CRITICAL COMPONENT REPLACEMENT WARNING

- The components marked "⚠" are critical components for X-ray radiation. When replacing these parts, use exactly the same one indicated in parts list.
- Please do not remove the seal of sealed potentiometer.
- The components stated below are no field serviceable parts. If broken, please contact with qualified personnel of Mitsubishi Electric Corp. or the distributor which indicated on name plate.

R602, R603, R604, R605, R606, R607, R619, R620, R627, R628,
VR601, VR602, TH601, T601, D608, CRT

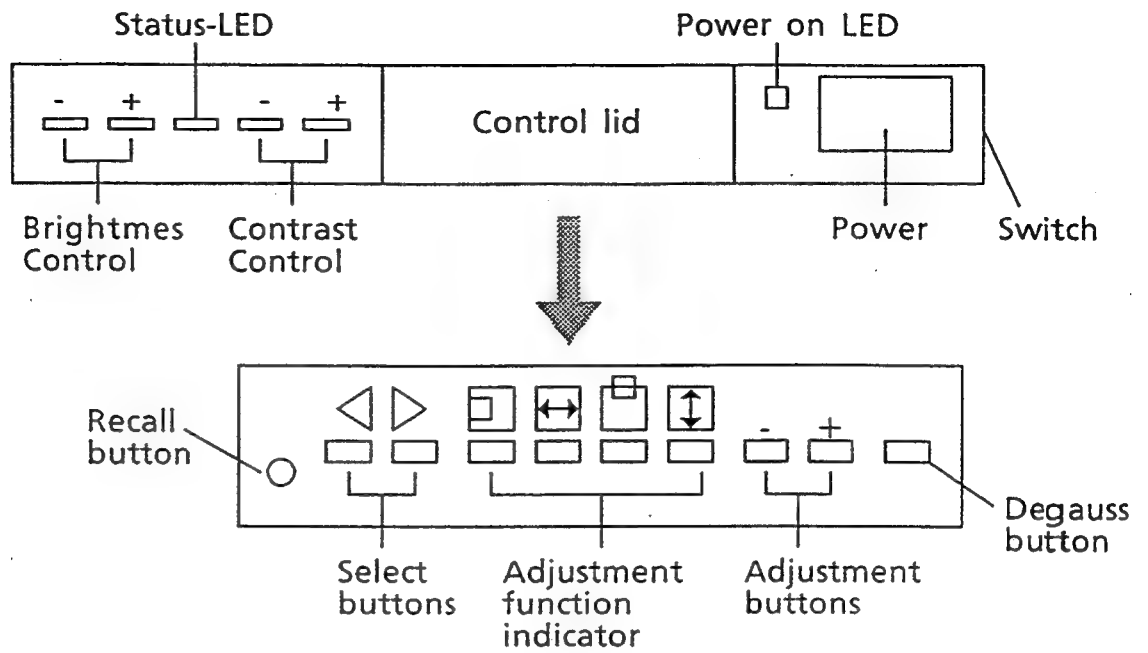
TENTATIVE

CONTENTS

	PAGE
1. SPECIFICATION	
2. CIRCUIT DESCRIPTION	
3. ADJUSTMENT PROCEDURE	
4. FAULT ISOLATION	
5. WAVEFORM	
6. ALL PARTS LIST	
7. SCHEMATIC DIAGRAM	
8. SCHEMATIC DIAGRAM	
9. PCB COMPONENT,SOLDER SIDE	
10.EXPLODED VIEW OF MONITOR	

5. Mechanical Specification

5.1 Controls



5.2 Input connector

- 1) Power 3PIEG PLUG
- 2) Signal
 - BNC for R-video
 - G-video with composite sync.
 - B-video
 - H / composite sync.
 - V sync.
 - Mini -D SUB-15P

5.3 Enclosure

- 1) Molded material ABS
- 2) Cabinet color MITSUBISHI standard
- 3) Texture $20\mu\text{m}(\text{max})$
- 4) Dimension $494\text{mm}(\text{W}) \times 493\text{mm}(\text{H}) \times 543\text{mm}(\text{D})$
with Tilt & Swivel stand
- 5) Weight APPROX 37Kg
with Tilt & Swivel stand

See APPENDIX-4 for outline drawing

5.4 Accessory

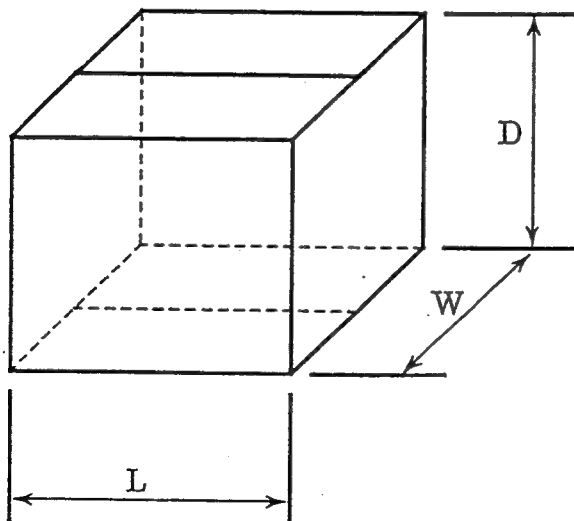
- 1) Power supply cord
- 2) User's guide

5.5 Carton Specification

Double Wall corrugated fiber board (AB Flute)

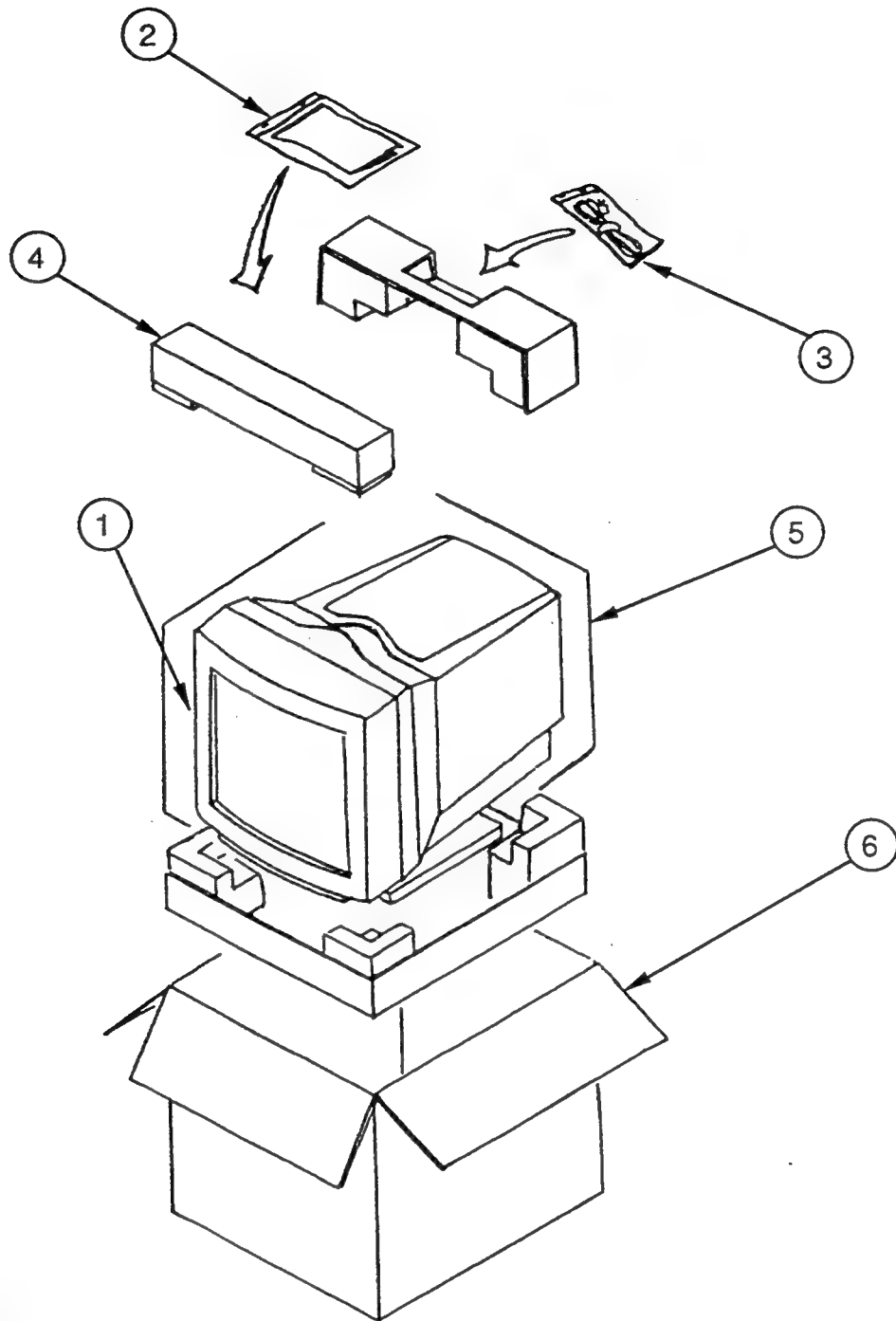
Material : OPC210×K220×K280

Facing : Minimum bursting strength of combined
board - 24.5Kg f/cm^2



L ... 652mm
W ... 595mm
D ... 615mm

5.6 Packing Specification



- 1. Display Monitor
- 2. User's Guide
- 3. Power Supply Cord
- 4. Cushion (PS/PE & Carton)
- 5. Packing Bag
- 6. Carton Box

6. Environmental Conditions

6.1 Temperature

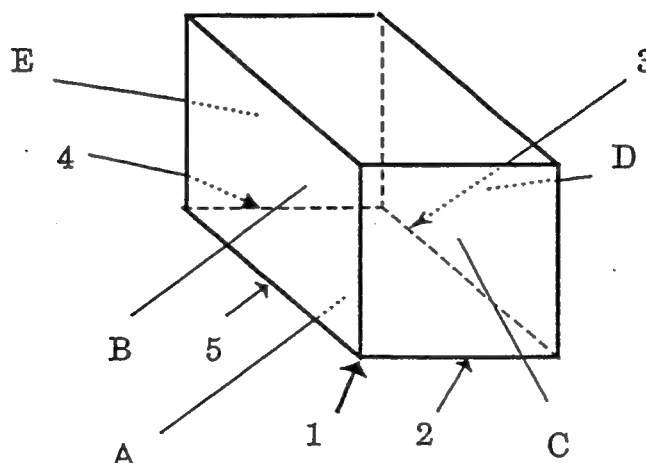
Operating 5°C~40°C

Storage -20°C~60°C at 65% RH(max.)

6.2 Relative Humidity

Operating 10%~90%(without condensation)

6.3 Drop test (with carton box)



The inside unit shall be withstand without any damage by following procedure

Drop to the hard wooden board from the position of the following height.

	position	height
Corner	1	46
Edge	2,3,4,5	46
Surface	A	46
	B,C,D,E	46

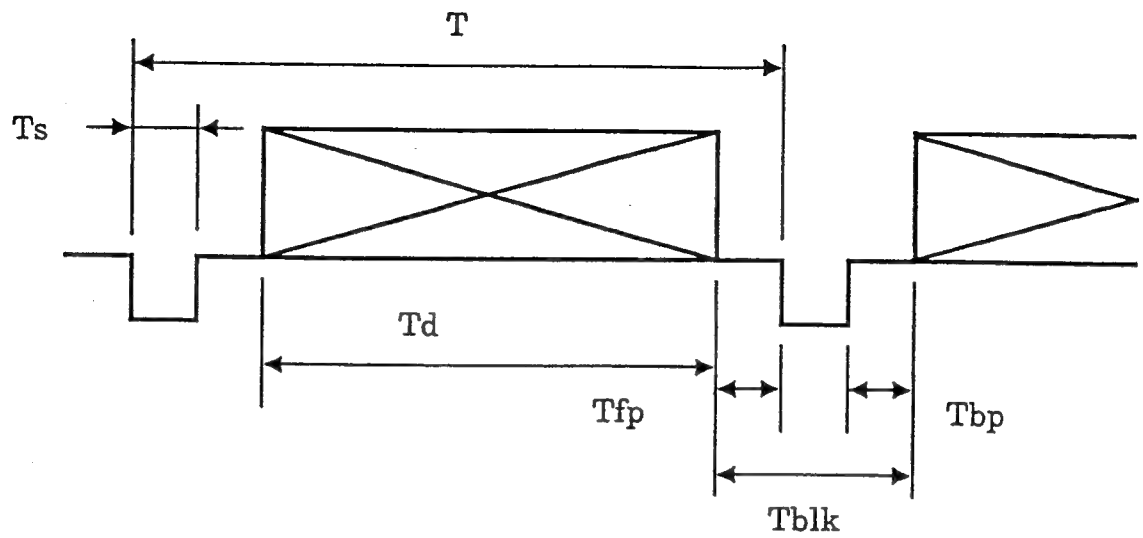
6.4 Vibration test (with carton box)

1) Sewpt Sine (Resonance Search and Dwell)

- (1) Test Axes 3axes
- (2) Search Frequency 5~200~5Hz
- (3) Sweep Time 2minutes
- (4) Acceleration 0.5G (zero to peak)
- (5) Dwelling Time 5minutes×1point×3axes
- (6) Mounting mounting the vibration table

2) Random Vibration

- (1) Test Axes 3axes
- (2) Frequency 5~200Hz
- (3) Acceleration ~1.47Grms
- (4) Test Time 30minutes×3axes
- (5) Mounting mounting the vibration table



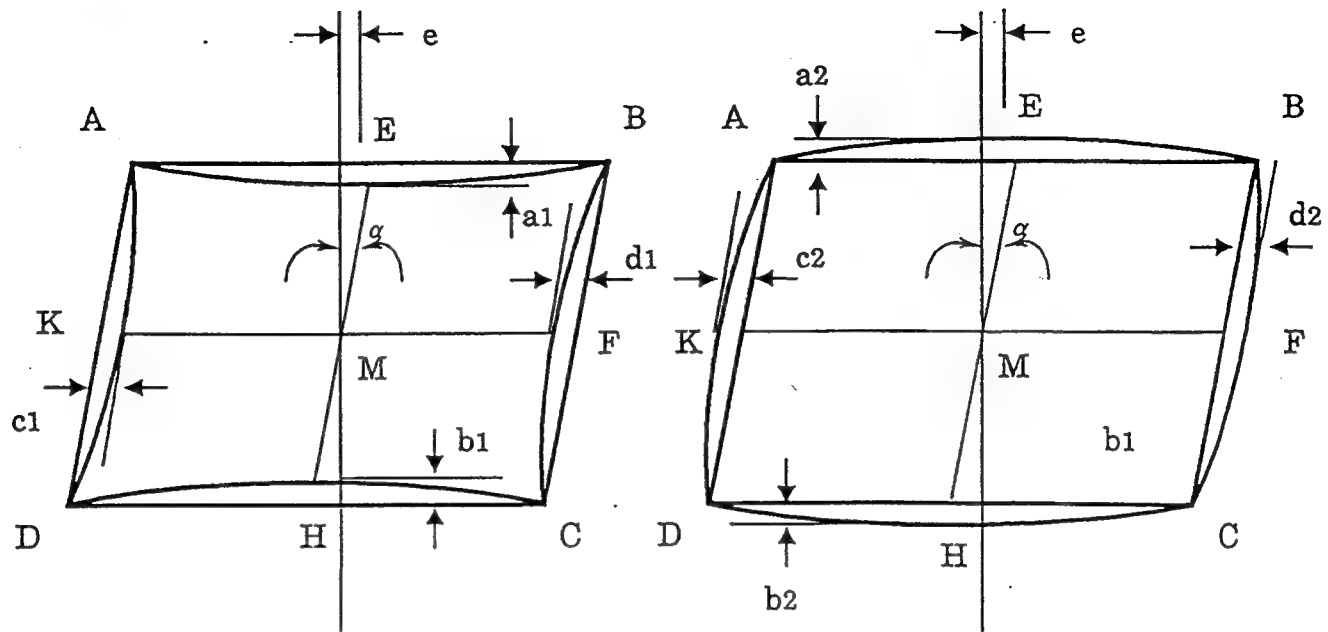
TBD

(Th)	-----	_____ μsec	(KHz)
(Ths)	-----	_____ μsec	Dot clock : MHz
(Thf)	-----	_____ μsec	
(Thb)	-----	_____ μsec	
(Thd)	-----	_____ μsec	
(Thblk)	-----	_____ μsec	

(Tv)	-----	_____ msec	(Hz)
(Tvs)	-----	_____ μsec	
(Tvf)	-----	_____ μsec	
(Tvb)	-----	_____ μsec	
(Tvd)	-----	_____ msec	
(Tvblk)	-----	_____ μsec	

APPENDIX-2

Geometric Distortion



Trapezoid Distortion

Horizontal

$$\frac{AD - BC}{AD + BC} \times 100 (\%)$$

Vertical

$$\frac{AB - DC}{AB + DC} \times 100 (\%)$$

Pincushion Distortion

Top

a₁[mm]

Barrel Distortion

a₂[mm]

Bottom

b₁[mm]

b₂[mm]

Left

c₁[mm]

c₂[mm]

Right

d₁[mm]

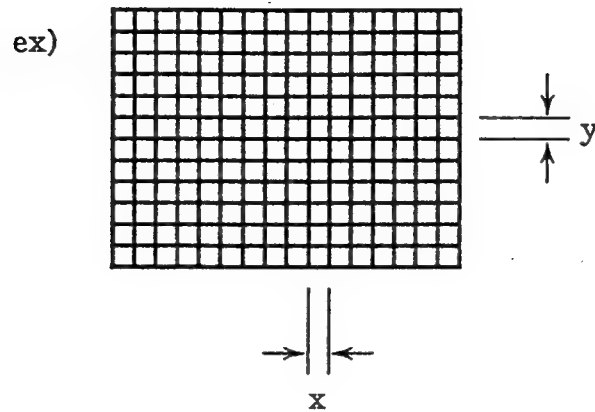
d₂[mm]

Pincushion Distortion

α

Nonlinearity

Scanning nonlinearity is defined in terms of the pattern of horizontal (more than 16 lines) and vertical (more than 12 lines) lines produced by cross-hatch pattern generator



Horizontal nonlinearity

$$\frac{X_{\max} - X_{\min}}{2\bar{X}} \times 100 (\%) \quad \text{max } 5\%$$

Vertical nonlinearity

$$\frac{Y_{\max} - Y_{\min}}{2\bar{Y}} \times 100 (\%) \quad \text{max } 5\%$$

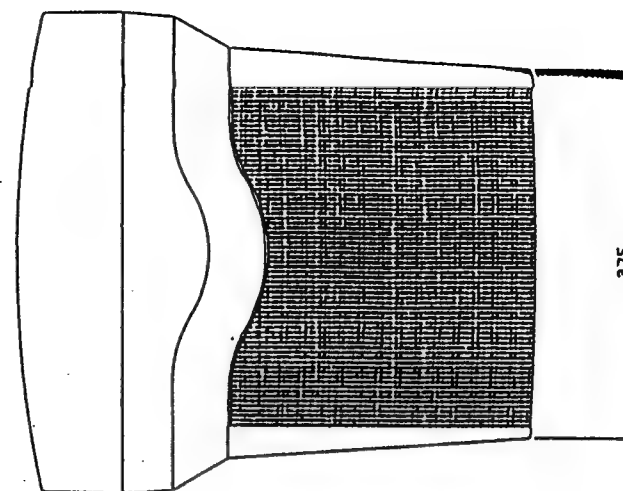
APPENDIX-3

Adjustment Items

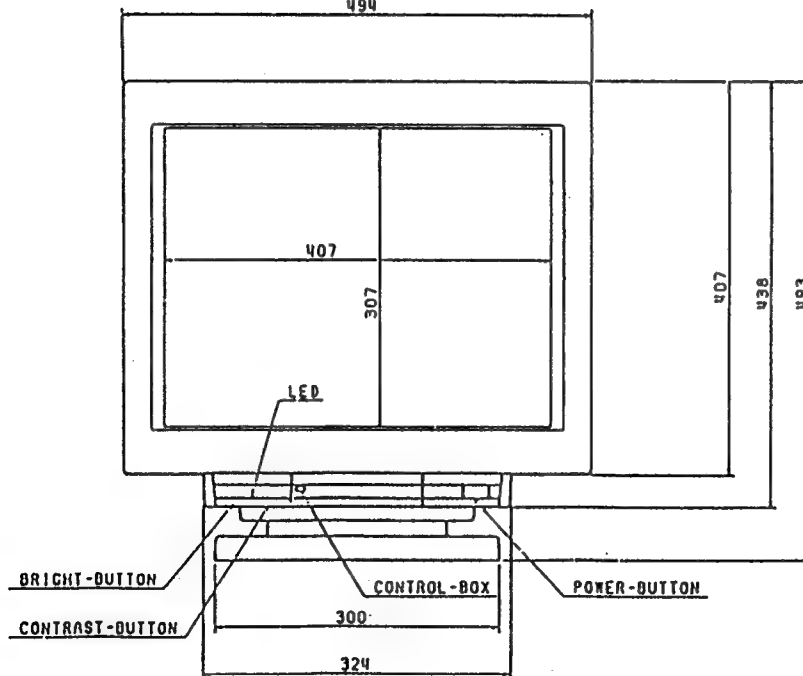
		User Adjustable		Factory Mode
		Normal Mode	Enhanced Mode	
1) H-SHIFT		○	○	○
2) H-SIZE		○	○	○
3) V-SHIFT		○	○	○
4) V-SIZE		○	○	○
5) Color		○	○	○
6) Picture Rotation			○	○
7) H-STATIC			○	○
8) PCC-AMP (Fine)			○	○
9) PCC-PHASE			○	○
10) KEY-BALANCE			○	○
11) PIN-BALANCE			○	○
12) V-Linearity			○	○
13) Color Balance - G	] Color - 2		○	○
14) - B			○	○
15) - R			○	○
16) Color Balance - G	] Color - 3		○	○
17) - B			○	○
18) - R			○	○
19) Color Balance - G	] Color - 1			○
20) - B				○
21) - R				○
22) G-BIAS				○
23) B-BIAS				○
24) R-BIAS				○
25) Raster-Centering				○
26) Dynamic focus DBF-V				○
27) DBF-H				○

COLOR---IVORY WHITE

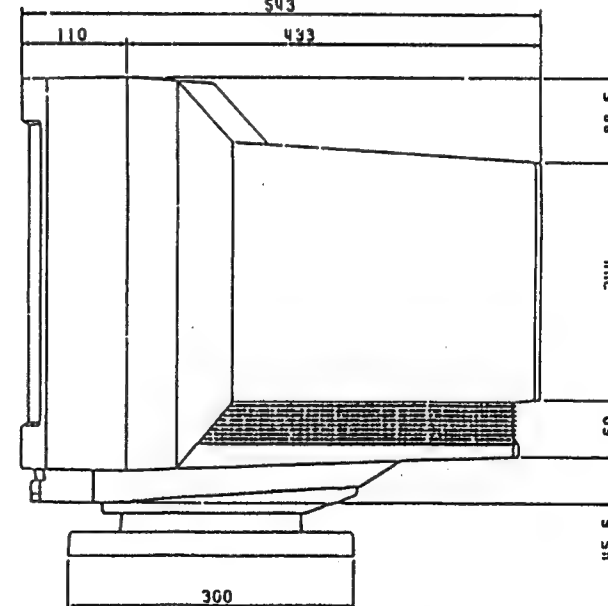
TOP-VIEW



FRONT-VIEW
494



SIDE-VIEW
543



19

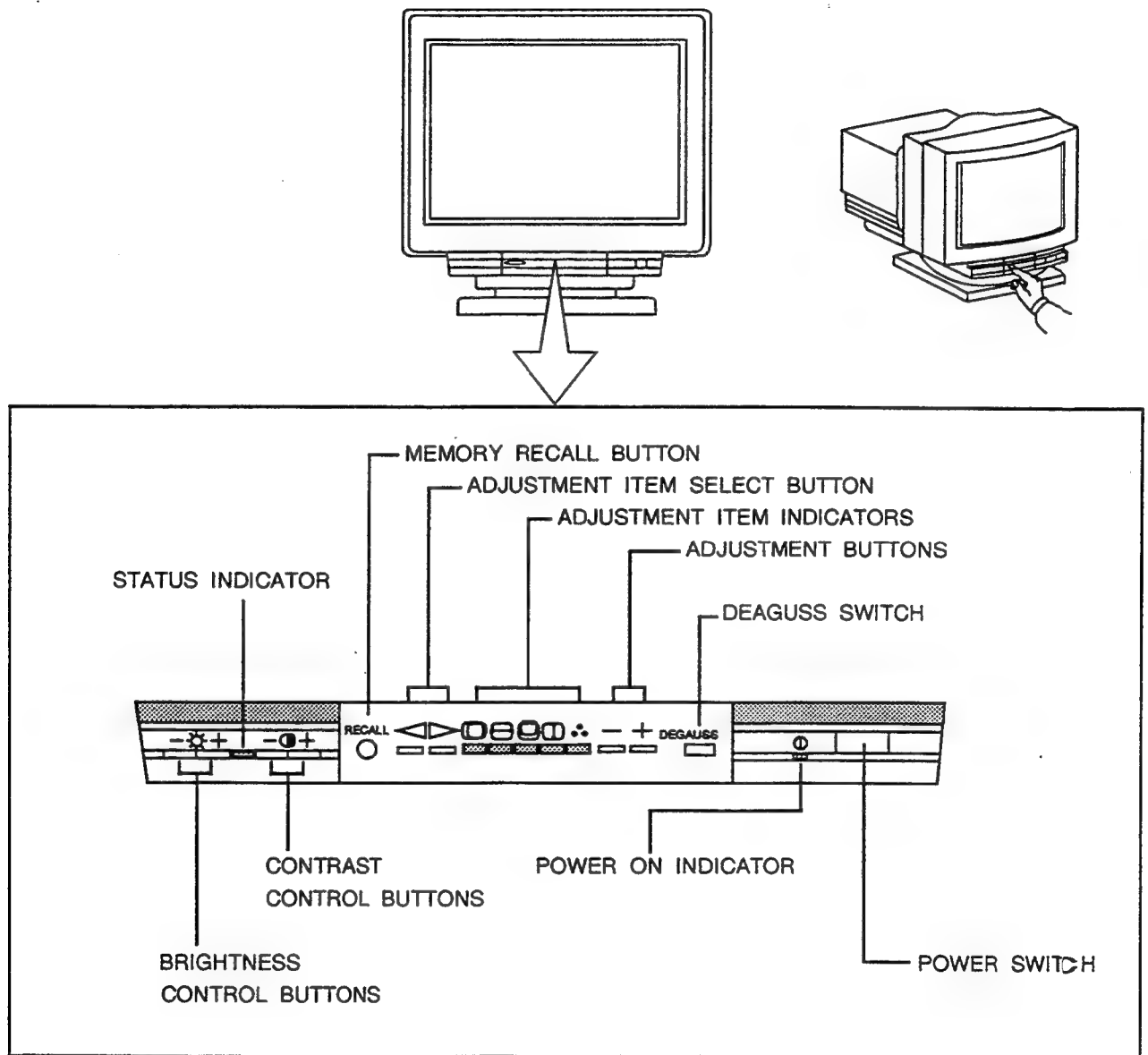
(THZ8105K)

APPENDIX - 4

CHANGE

	DRAWN CHECKED DESIGNED APPROVED	DATE 92-7-2	PROJ 8078080 OUTLINE-221	CF
	MITSUBISHI ELECTRIC CORPORATION			
	HAKABAKI WORKS			
	OUTLINE			

FRONT CONTROL PANEL CONFIGURATIONS



2. CIRCUIT DESCRIPTION

T.B.D.

3. Adjustment Procedure

3.1 Adjustment Item

Table-1

NO.	ADJUST ITEM	ADJUST MODE					
		Normal	Enhanced	Factory 1	Factory 2	H-Freerun	MNPN
00	H-PHASE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
01	H-SIZE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
02	V-POS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
03	V-SIZE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
04	COLOR	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
05	G-GAIN (COLOR3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
06	B-GAIN (COLOR3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
07	R-GAIN (COLOR3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
08	ROTATION	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
09	PCC-AMP-FINE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
0A	PCC-AMP	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
0B	PCC-PHASE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
0C	KEY-BALANCE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
0D	PIN-BALANCE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
0E	H-STATIC		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
0F	V-LINEAR		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
10	G-GAIN (COLOR1)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
11	B-GAIN (COLOR1)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
12	R-GAIN (COLOR1)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
13	G-GAIN (COLOR2)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
14	B-GAIN (COLOR2)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
15	R-GAIN (COLOR2)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
16	G-BIAS			<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
17	B-BIAS			<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
18	R-BIAS			<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
19	H-CENT			<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
1A	DBF-V				<input type="radio"/>		<input type="radio"/>
1B	DBF-H				<input type="radio"/>		<input type="radio"/>
1C	H-OSC-HI					<input type="radio"/>	<input type="radio"/>
1D	H-OSC-LO					<input type="radio"/>	<input type="radio"/>
	BRIGHT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	CONTRAST	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3.2 Adjustmrent lytem LED Indication

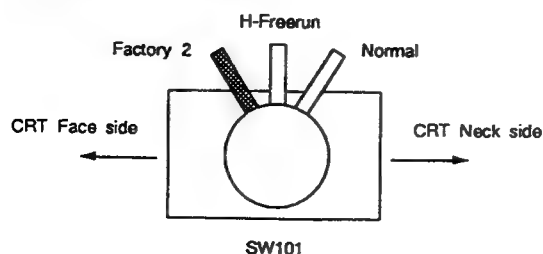
Table-2

○: ON ●: OFF ※: BLINK

NO.	ADJUST ITEM	FUNCTION LED				
00	H-PHASE	○	●	●	●	●
01	H-SIZE	●	○	●	●	●
02	V-POS	●	●	○	●	●
03	V-SIZE	●	●	●	○	●
04	COLOR					
05	G-GAIN (COLOR3)	○	○	●	●	○
06	B-GAIN (COLOR3)	●	○	○	●	○
07	R-GAIN (COLOR3)	●	●	○	○	○
08	ROTATION	○	●	○	●	○
09	PCC-AMP-FINE	○	○	●	●	●
0A	PCC-AMP	○	○	○	●	●
0B	PCC-PHASE	○	○	○	○	●
0C	KEY-BALANCE	○	○	○	○	○
0D	PIN-BALANCE	●	●	●	●	●
0E	H-STATIC	●	○	●	○	●
0F	V-LINEAR	●	○	●	○	○
10	G-GAIN (COLOR1)	○	●	●	●	○
11	B-GAIN (COLOR1)	●	○	●	●	○
12	R-GAIN (COLOR1)	●	●	○	●	○
13	G-GAIN (COLOR2)	●	○	○	○	○
14	B-GAIN (COLOR2)	○	●	○	○	○
15	R-GAIN (COLOR2)	○	○	●	○	○
16	G-BIAS	●	●	●	○	○
17	B-BIAS	●	●	○	○	●
18	R-BIAS	●	○	○	●	●
19	H-CENT	○	○	●	○	●
1A	DBF-V	○	●	●	○	●
1B	DBF-H	○	●	●	○	○
1C	H-OSC-HI	○	○	○	●	○
1D	H-OSC-LO	●	○	○	○	●
	COLOR SELECT					
	COLOR 1	※○	●	●	●	○
	COLOR 2	●	※○	●	●	○
	COLOR 3	●	●	※○	●	○

3.3 Normal Mode Adjustment Procedure

- (1) Turn the internal SW (SW101) to its CRT neck side.
- (2) The power LED blinks at power on, then V-SIZE is automatically selected.
- (3) Adjustable items are on Table-1.
- (4) Bright/Contrast control is adjustable by + /- button in the front panel and center value of Bright is available when push the both + and - buttons at the same time.
- (5) Adjust items are selectable by the SELECT button as follows.
 L: V-SIZE→V-POS1→H-SIZE→H-PHASE→.....
 V-SIZE
 R: V-SIZE→COLOR→.....H-PHASE→H-SIZE→
→V-SIZE
 *If selected the COLOR, COLOR NO. LEDs are indicated as shown in table-2.
- (6) Adjustment values are available by ADJ +/- button as follows.
- (7) There are kinds of color temperature stored into the memory on every timing data and are selectable when select the item of COLOR by using the ADJ +/- button as follows.
 ADJ + : COLOR1→COLOR2→COLOR3→
 COLOR1.....
 ADJ - : COLOR1→COLOR3→COLOR2→
 COLOR1.....
- (8) Max. or Min. value is indicated by blink of STATUS LED.
- (9) In case of no signal or exceeded input frequency is applied, monitor is no longer display on the screen and the STATUS LED blinks. Also in case of no signal or exceeded input frequency is applied at the adjust item of "COLOR", COLOR # indication LEDs are stopped the blink and are held the on condition.
- (10) When push the RECALL button, H-PHASE~PIN-BALANCE are returned to the factory conditions.
 (The recall function requires preset timing.)
- (11) When no signal condition, micro process or provides approx. 75Hz V-sync.
- (12) When the horizontal or vertical frequency exceeds limit value, the monitor automatically makes free-running condition and the STATUS LED blinks.
- (13) The followings are set up for the internal switch.



3.4 Enhanced Mode Adjustment Procedure

- (1) The both ADJ-UP and ADJ-DW button should be kept before turn on the power.
- (2) After the power on LED is turned on, the adjust item LEDs blink approx. 10 scc.
- (3) To get into the Enhanced mode, both ADJ + and ADJ - buttons should be pushed once again during the blinking time. After that, adjust item LED is indicated H-STATIC.
 if push the buttons after finish the blinking or push the other buttons more than 5 times, the Normal mode is automatically selected regardless of internal SW(SW101).
- (4) In the Enhanced mode, additional adjust items are available as shown in Table-1.
- (5) Bright and Contrast controls are same as Normal mode.
- (6) Adjust items are selectable by the SELECT-R/L button as follows.
 L: H-STATIC→PIN-BALANCE.....→H-PHASE→
 R-GAIN(COLOR2).....→V-LINEAR→H-STATIC
 R: H-STATIC→V-LINEAR.....→B-GAIN(COLOR2)
 →H-PHASE→H-SIZE.....→H-STATIC
- (7) Adjustment values are available by ADJ +/- button.
- (8) The status LED is turned on when either ADJ +/-, BRT +/- or CNT +/- button is pushed.
 Also, Max. or Min. value is indicated by blink of status LED.
- (9) In case of no signal or exceeded input frequency is applied, monitor is no longer display on the screen and the status LED blinks.
- (10) If either G, B, R-GAIN(COLOR2) is selected, the screen color is automatically selected COLOR2, and also either G, B, R-GAIN(COLOR3) is selected, the screen color is automatically selected COLOR3.
 In case of the other items, COLOR NO. is depend on the preset timing data in ROM.
- (11) The selection of COLOR NO. is same as Normal Mode.
- (12) In case of no signal or exceeded input frequency is applied at the adjust, item of "COLOR" COLOR NO. indication LEDs are stopped the blink and are held the on condition.
- (13) When no signal condition, micro process or provides approx. 75Hz V-sync.
- (14) When the horizontal or vertical frequency exceeds limit value, the monitor automatically makes free-running condition and the STATUS LED blinks.
- (15) Bright/Contrast control is adjustable +/- button in the front panel and center value of Bright is available when push the both + and - buttons at the same

same time.

- (16) When push the RECALL button, adjusted data are returned to the factory data except R, G, B-GAIN control and COLOR# is selected to COLOR, H-STATIC becomes center value.
- (17) To release the Enhanced Mode, power off is required.

3.5 Factory 1 Mode Adjustment Procedure

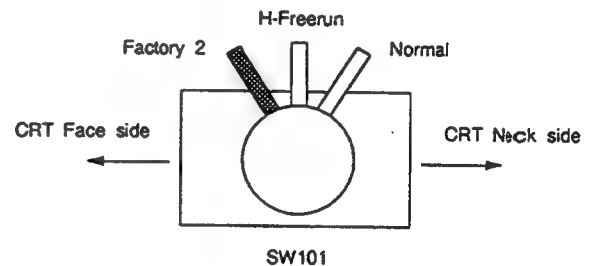
- (1) The both BRT-DW and CNT-UP button should be kept before turn on the power.
- (2) After the power on LED is turned on, ITEM LED is on and STATUS LED blinks approx. 10 sec.
- (3) During the ITEM LED blinks, the ROTATION should be selected by SELECT-L/R button.
- (4) To get into the Factory 1 mode, both ADJ + and - buttons should be pushed during the blinking time of STATUS LED so that power on LED blinks and adjust item LED is indicated H-PHASE. That STATUS LED is off.
- (5) If ADJ-UP/DW buttons did not push at the same time or push the other buttons more than 5 times, the Normal mode is automatically selected regardless of internal SW.
- (6) The adjustable items in the Factory 1 Mode are in Table-1.
- (7) Bright and Contrast controls are same as Normal mode.
- (8) Adjust items are selectable by the SELECT-R/L button as follows.
L: H-PHASE → H-CENT → H-SIZE → H-PHASE
R: H-PHASE → H-SIZE → H-CENT → H-PHASE
- (9) Adjust values are available by ADJ +/- button.
- (10) The status LED is turned on when either ADJ +/-, BRT +/- or CNT +/- button is pushed.
Also, Max. or Min. value is indicated by blink of status LED.
- (11) When no signal condition, micro processor provides approx. 75Hz V-sync and STATUS LED blinks.
- (12) In case of exceeded input frequency is applied, monitor is no longer display on the screen and the STATUS LED blinks.
In case of exceeded horizontal frequency is applied, monitor makes freerunning condition automatically.
- (13) If select the either G-BIAS, B-BIAS, R-BIAS then push the RECALL button, the output of D/A converter for G, B, R-BIAS become approx. 1.0V.
- (14) If select the H-STATIC then push the RECALL button, a value of H-STATIC becomes center.
- (15) The values of G, B, R-GAIN(COLOR1) are automatically memorized to both COLOR2 and 3 so if

the different value will be stored into the memory for COLOR2, 3, adjustment should be done after finish the adjust of COLOR1.

- (16) The Factory 1 mode is maintained before turn off the monitor which is regardless of internal switch.

3.6 Factory 2 Mode Adjustment Procedure

- (1) To get into the Factory 2 mode, SW101 should select the CRT neck side position before turn on.
- (2) Turn on the power switch.
- (3) Select SW101 to its CRT face side.
- (4) After that power LED blinks and V-SIZE is automatically selected.
- (5) The adjustable items in the Factory 2 Mode are in Table-1.
- (6) Bright and Contrast controls are same as Normal mode.
- (7) Adjust items are selectable by the SEL-R/L button as follows.
L: V-SIZE → V-POS1 → H-PHASE → DBF-H → V-SIZE
R: V-SIZE → COLOR → DBGF-H → H-PHASE → V-SIZE
- (8) Adjust values are available by ADJ +/- button.
- (9) The selection of internal switch is as follows.



- (10) The adjustment value of DBF-H or V is available.

3.7 H-Freerun Mode Adjustment Procedure

- (1) To get into the Freerun Mode, the internal switch(SW101) should be selected the center position at Factory 2 or Normal Mode.
- (2) Also, the freerun Mode is available at center position of SW101 before turn on the monitor.
- (3) The adjustment value is available by the H-OSC HI/LO.
- (4) The adjustment item is automatically selected.
more than approx. 60kHz: H-OSC-HIGH
less than approx. 60kHz: H-OSC-LOW
- (5) In this mode the RECALL and SELECT L/R button is no effect for the adjustment item.
- (6) Adjustment is available by the ADJ +/- button.

3.8 Aging Mode

- (1) Select SW101 to its CRT face side before turn on the power switch.
- (2) Turn on the power switch then the power LED is on, so the V-SIZE is automatically selected and Normal Mode is selected.
- (3) The H-Freerun Mode is selected at the center position of SW101 and Normal Mode is selected at the CRT neck side.
- (4) The raster aging is available when the no signal and SW101 is selected to the CRT face side position so that the micro processor provides approx. 70Hz V-Sync signal.

3.9 MNPN(Maintenance Panel) Mode

- (1) This mode requires special equipment to maintain the internal data for the micro processor.
- (2) In this mode, the all adjustment items are protected except power switch.
- (3) This mode is for the internal adjustment of manufacturing line.

3.10 Degauss Function

- (1) The auto degauss circuit is activated approx. 5sec. when turn on the power.
- (2) The manual degauss circuit is activated approx. 5sec. when push the degauss button in the front panel.

3.11 Power Saving Function

- (1) The power saving function is available to select the switch in the rear panel.
- (2) The power saving function provides "Suspend" & "Power Off" mode.
- (3) To get into the Suspend mode, either H or V Sync signal is connected to the ground externally which makes freerun condition and no longer display is on the screen.
- (4) The STATUS LED blinks approx. 5sec.
- (5) After 5sec. micro processor provides high level signal as the suspend signal.
- (6) When input the H,V-Sync signal, suspend signal becomes low level and blanking condition is released.
- (7) To get into the power off mode, both H and V Sync signals are connected to the ground externally which makes freerun condition and no longer display is on the screen.
- (8) The STATUS LED blinks approx. 5sec.
- (9) After 5sec. micro prooessor provides high level signal as the power off signal.
- (10) If H & V Sync signals are connected to the ground at the suspend mode, the suspend mode is main tained approx. 5sec.

- (11) When input the both H & V Sync signals, power off signal becomes low level and blanking condition is released.

3.12 Input Signal Detection

The input signal detection is available as follows.

- (1) Change the sync polarity.
- (2) Change the horizontal frequency more than 1kHz.
- (3) Change the vertical frequency more than 5Hz.

3.13 Comparison of input Signal

The input signal is compared with memorized data in EEPROM and the following conditons correspond to the memeorized data.

- (1) Same sync polarity.
- (2) Difference of horizontal frequency is within 1kHz.
- (3) Difference of vertical frequency is within 5Hz.

3.14 Write the New Data

To write the new data, following conditions are required.

- (1) Different polarity.
- (2) Difference of horizontal frequency is more than 2kHz.
- (3) Difference of vertical frequency is more than 10Hz.

3.15 Rewrite the New Data

To replace the new data from previous data, the following conditions are required.

- (1) Same polarity.
- (2) The difference of horizontal frequency is more than 1kHz and less than 2kHz.
- (3) The difference of vertical frequency is within 10Hz .
or
(1) Same polarity.
(2) The difference of horizontal frequency is within 2kHz.
(3) The difference of vertical frequency is more than 5Hz and less than 10Hz.

3.16 Adujstment Procedure

1.Initial Setup

- (1)VR601(Z-PRO) : Fully Counter Clock Wise
- (2)VR602(HV-ADJ) : Center
- (3)SW101 : To CRT Neck Side
- (4)VR101(SIN-PHASE) : Center
- (5)VR102(H-STAT-TOP) : Center
- (6)VR103(H-STAT-BTM) : Center
- (7)VR106(ABL) : Fully Counter Clock Wise
- (8)VR107(H-STAT) : Center
- (9)FOCUS : Depend on the performance
- (10)SCREEN : Fully Counter clock Wise
- (11)SW3L1 : OEM-1k(13W3)/Brand Name-1K
- (12)SW3L2(Power Manage) : OFF

2.H-Freerun

- (1)Set SW101 to center(Freerun mode position).
- (2)Input fH-85kHz signal.
- (3)Adjust free running frequency to 85.0 ± 0.2 kHz by ADJUST button.
- (4)Input fH-30kHz sinal.
- (5)Adjust free running frequency to 30.0 ± 0.2 kHz by ADJUST button.

3.High Voltage

- (1)Input fH-64kHz only sync signal.
- (2)Set SW101 to CRT neck side.
(Normal mode position)
- (3)Connect HV meter between anode of CRT and chassis GND.
- (4)Adjust the VR602(HV-ADJ) to untilHV meter indicates 30.0 ± 0.3 kV.
- (5)Turn the VR601(X-PRO) until HV-Protector circuit works.
- (6)Turn off the power SW, and turn the VR602(HV-ADJ) to counter clock wise.
- (7)Turn on the power SW, and adjust the high voltage to 27.0 ± 0.3 kV by VR602(HV-ADJ).

4.Focus & DBF

- (1)Input 64kHz/60Hz signal with crosshatch pattern.
- (2)Set SW101 to CRT face(screen) side.
- (3)Connect the oscilloscope to TP-DBF.
- (4)Adjust the parabolic waveform to get a 350Vp-p by DBF-H and 150 Vp-p by DBF-V on the front panel.
- (5)adjust the entire focus condition by FOCUS potentiometer of FBT.

5.Sin Phase

- (1)Connect the oscilloscope to TP-1(on PCB CONT).
- (2)Input 64kHz/60Hz signal.
- (3)Adjust the waveform to get the proper waveform.

6.Distortion & Raster Size/Position

Refer to the Table-1.

7.Cut-Off

- (1)Input 64kHz/60Hz with on raster & no setup level signal.
- (2)Set SW101 to CRT face side.
- (3)Push the both buttons of BRT +/- to get the center value of brightness.
- (4)Select either R, G,B-BIAS by the front panel then push RECALL button to get the 1.5V output from D/A converter.
- (5)Adjust the SCREEN control of FBT to get dim raster for a 0.4cd/m².
- (6)Adjust the color cordination x- 283 ± 20 and y- 297 ± 20 by R, G, B-BIAS.
- (7)Set the luminance of back ground to approx, 0.4cd/m² ± 0.05 by SCREEN.

8.Drive

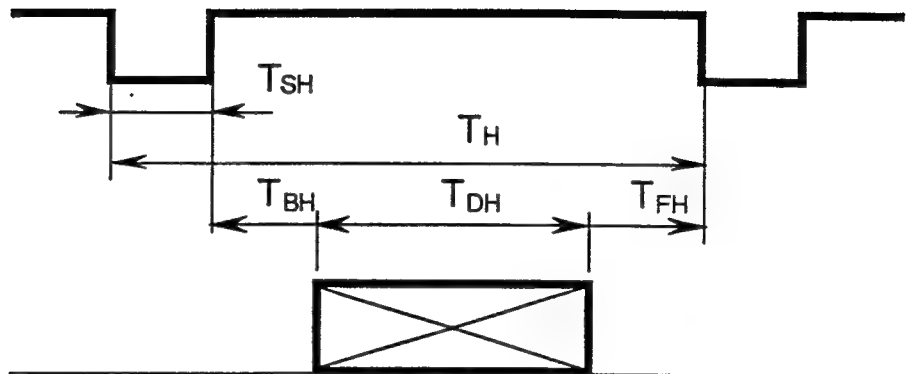
- (1)Set SW101 to CRT face side.
- (2)Set Contrast to max. and Bright to center value.
- (3)Input 64kHz/60Hz with window pattern signal.
- (4)Adjust R, G, B-GAIN(COLOR1) as follows (COLOR 2, 3 is automatically set up as same value as COLOR1). Green-70cd/m² and x- 283 ± 5 / y- 297 ± 5 .
- (5)Input 82kHz/76Hz with full white raster.
- (6)Set Contrast to max. and Bright to center value.
- (7)Adjust VR106(ABL) to 100cd/m² on the center of screen.

9.Rotation

- (1)Set SW101 to CRT face side.
- (2)Select ROTATION on the front panel then adjust the rotation.

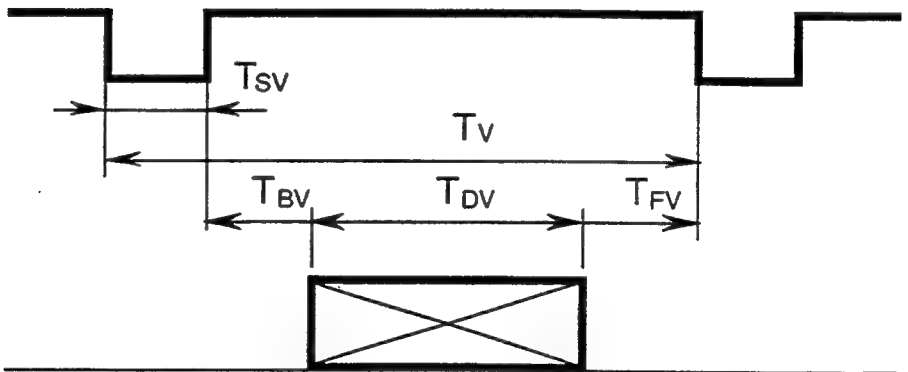
Pres et Timing Datas at Factory

< H - Sync >



< Video >

< V - Sync >

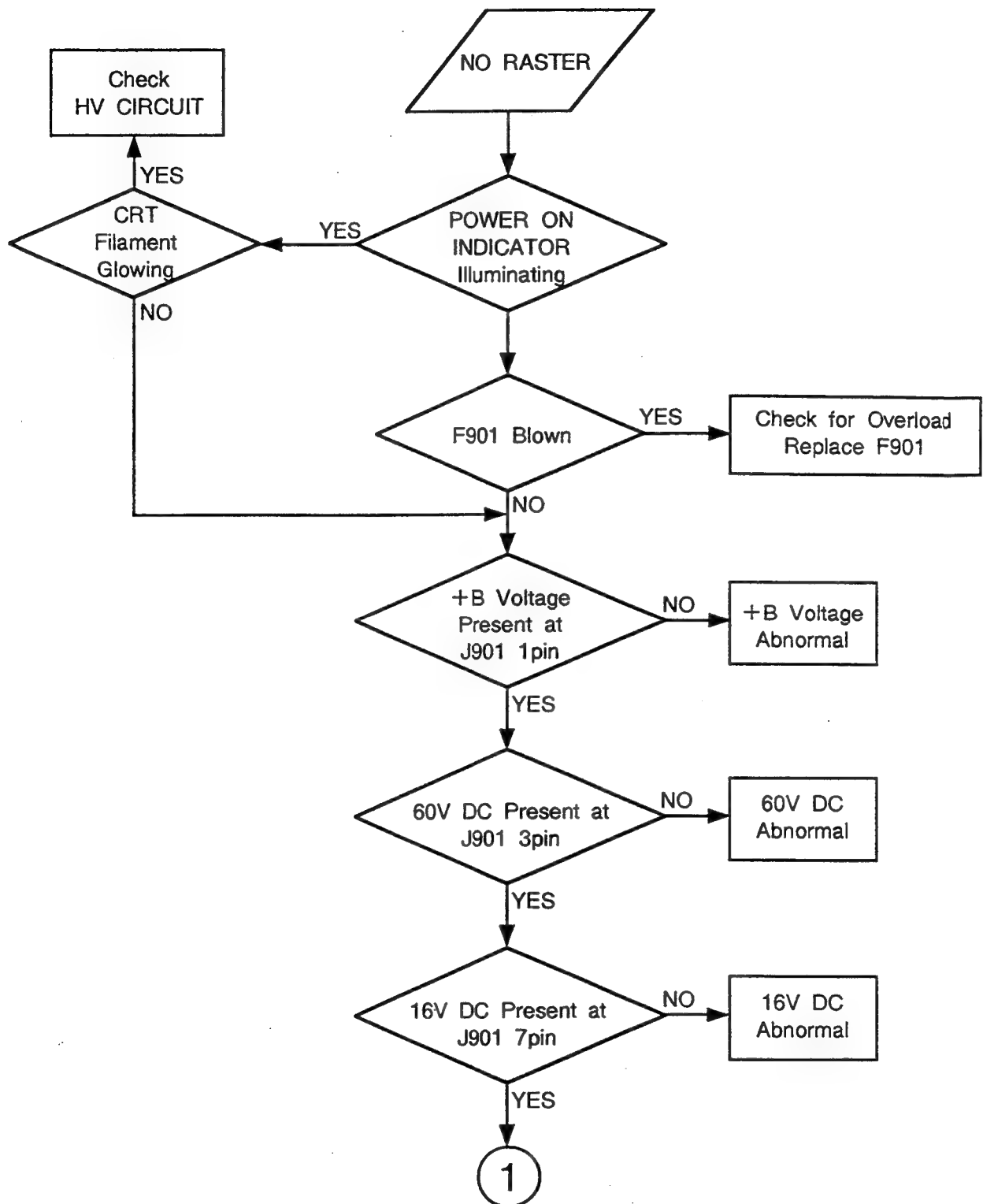


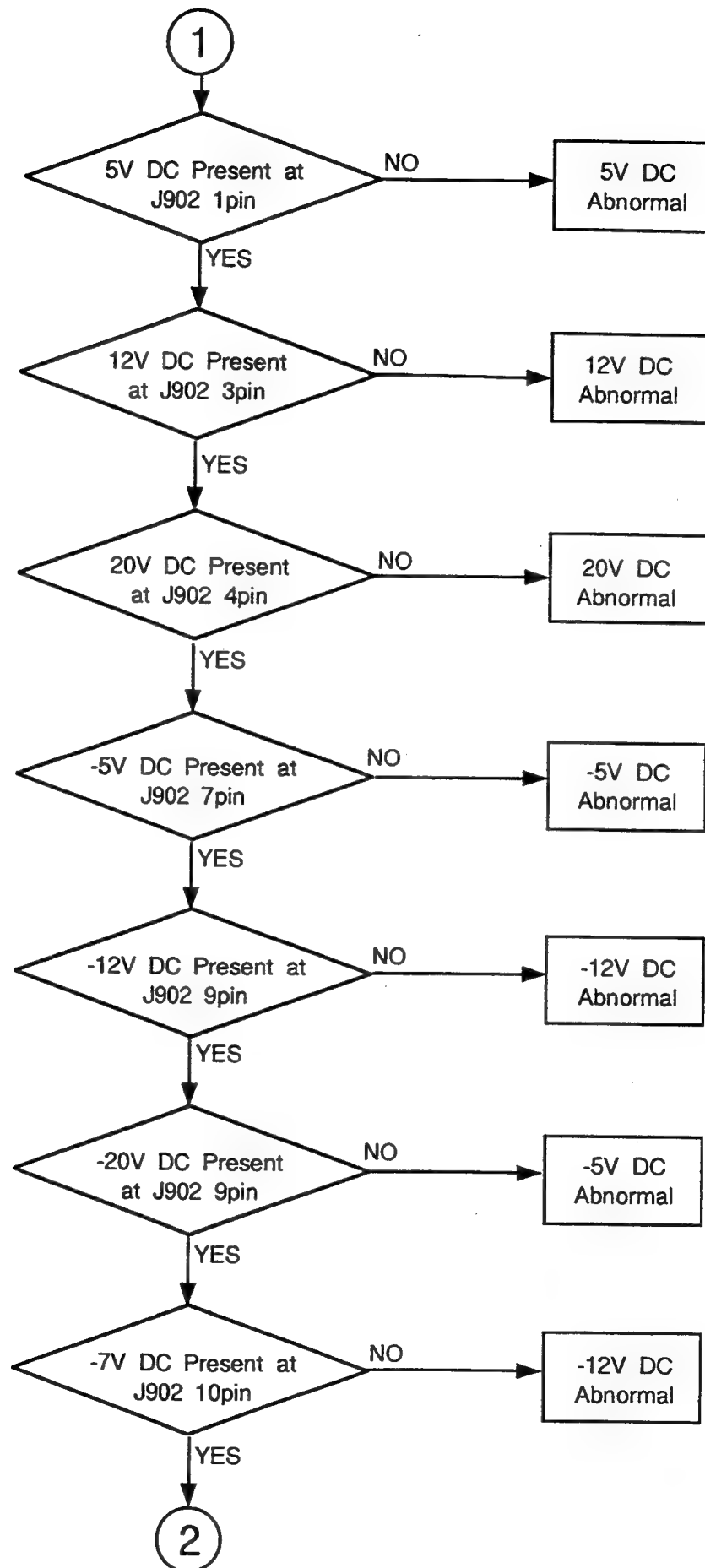
< Video >

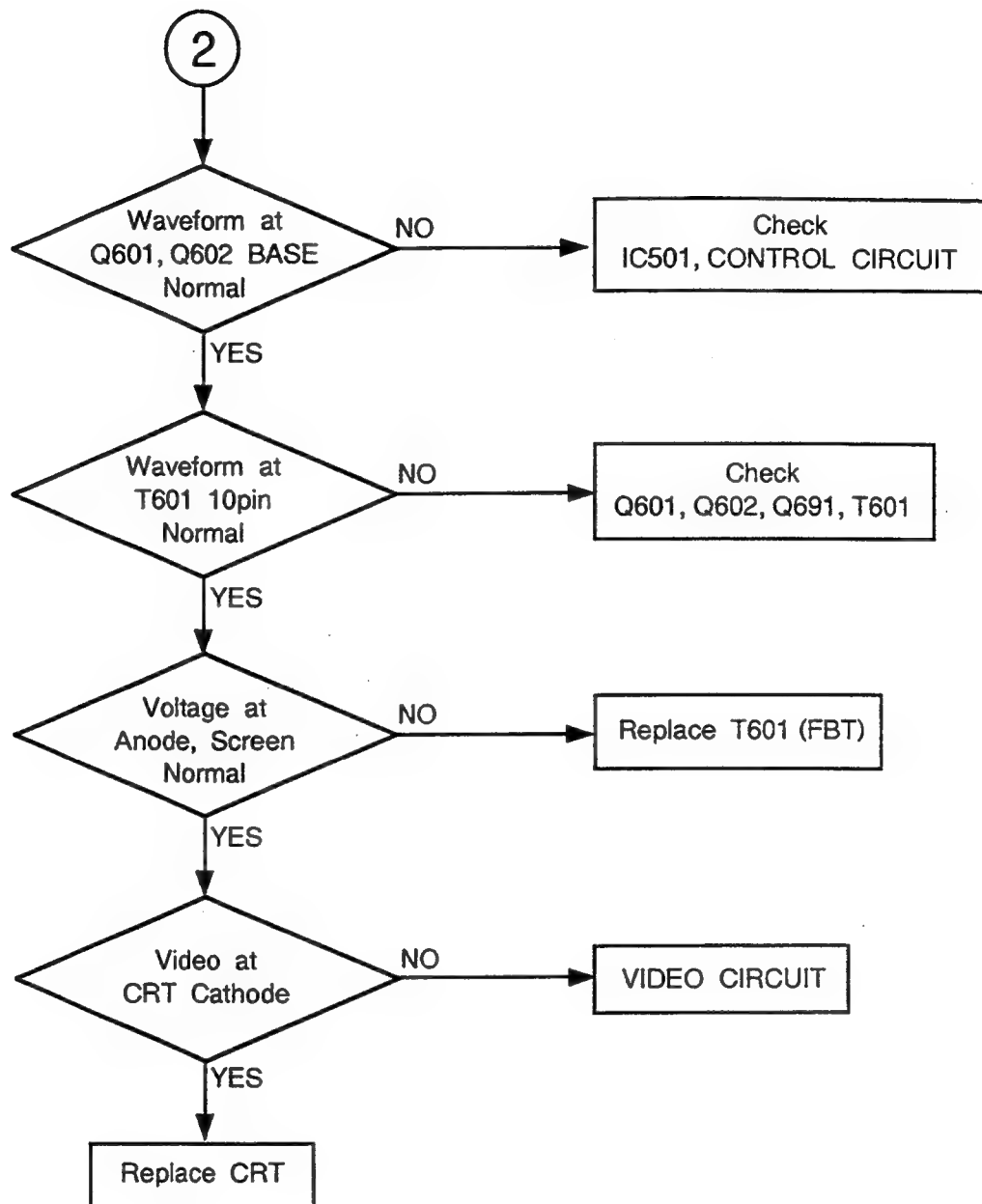
PRESET TIMING FOR MIRO

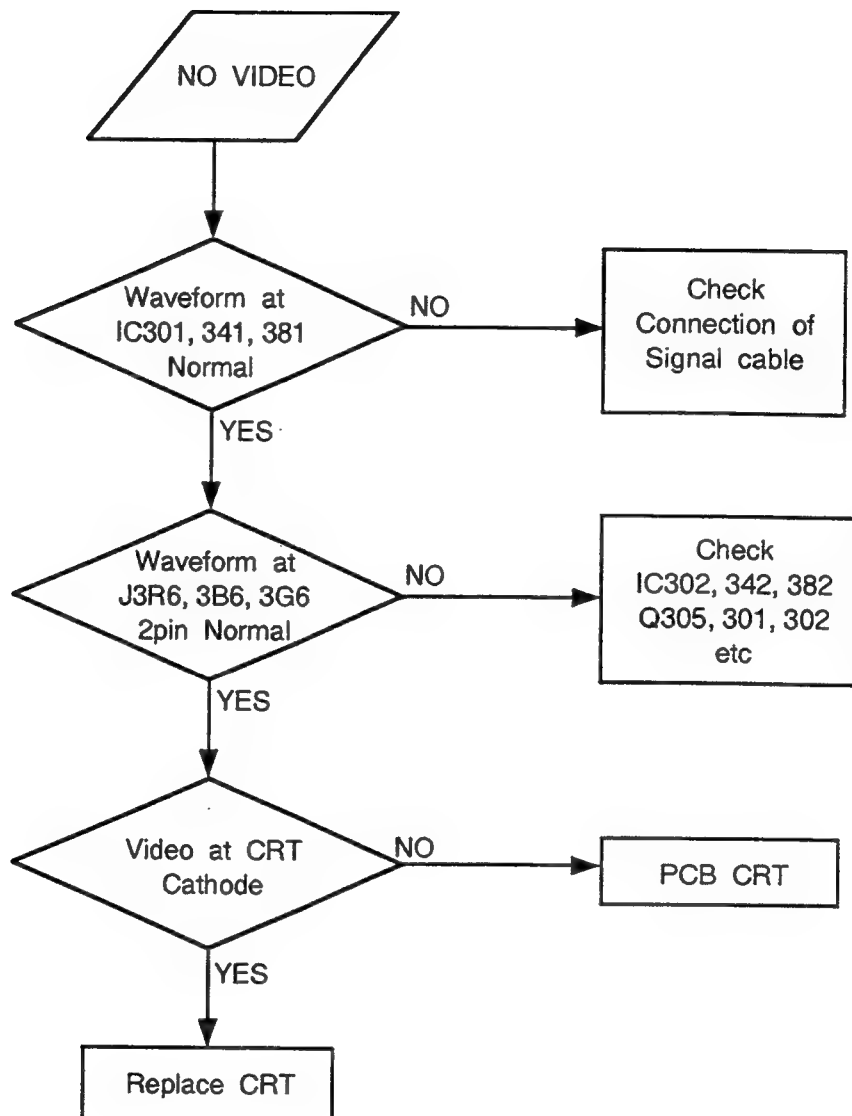
NO.	1	2	3	4	5	6	7	8	9	10
	83kHz/92Hz	82kHz/101Hz	80kHz/75Hz	74kHz/70Hz	80kHz/75Hz	69kHz/84Hz	69kHz/75Hz	60kHz/75Hz	31.5kHz/70Hz	31.5kHz/60Hz
	1152×864	1024×768	1280×1024	1280×1024	1280×1024	1024×768	1152×870	1024×768	640×400	640×480
Th(μ sec)	12.032	12.218	12.563	13.440	12.563	14.580	14.560	16.600	31.778	31.778
	(83.11kHz)	(81.8kHz)	(79.6kHz)	(74.4kHz)	(79.6kHz)	(68.59kHz)	(68.68kHz)	(31.47kHz)	(31.47kHz)	(31.47kHz)
Tsh(μ sec)	1.024	1.164	0.948	1.152	0.948	0.980	1.280	1.200	2.542	3.813
Tfh(μ sec)	0.256	0.290	0.238	0.256	0.238	0.530	0.440	0.400	0.636	0.954
Tbh(μ sec)	1.536	1.455	1.869	1.792	1.896	1.690	1.320	2.200	3.178	1.589
Tdh(μ sec)	9.216	9.309	9.481	10.240	9.481	11.380	11.520	12.800	25.422	25.422
Tv(msec)	10.913	9.909	13.367	14.273	13.367	11.853	13.322	13.346	14.141	16.683
	(91.63Hz)	(100.9Hz)	(74.810Hz)	(70.06Hz)	(74.810Hz)	(84.370Hz)	(75.060Hz)	(74.930Hz)	(70.72Hz)	(60Hz)
Tsv(msec)	0.036	0.073	0.038	0.040	0.038	0.044	0.044	0.050	0.095	0.095
Tfv(msec)	0.012	0.013	0.038	0.040	0.038	0.043	0.043	0.049	0.095	0.350
Tbv(msec)	0.469	0.440	0.427	0.430	0.427	0.569	0.568	0.498	1.239	0.985
Tdv(msec)	10.396	9.383	12.864	13.763	12.864	11.197	12.667	12.749	12.711	12.253
Sync. Signal	Separate Sync. H: NEG V: NEG	Separate Sync. H: NEG V: NEG	Sync. on Green	Separate Sync. H: NEG V: NEG	Separate Sync. H: NEG V: NEG	Sync. on Green	Sync. on Green	Sync. on Green	Separate Sync. H: NEG V: NEG	Separate Sync. H: NEG V: NEG

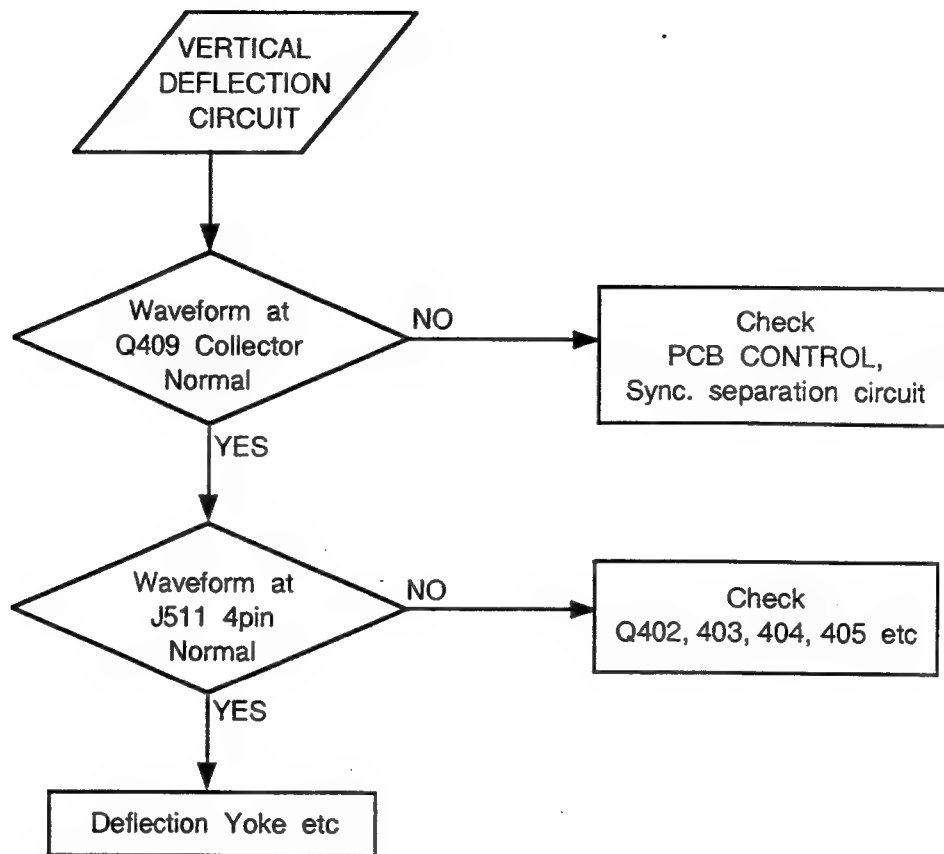
4. FAULT ISOLATION

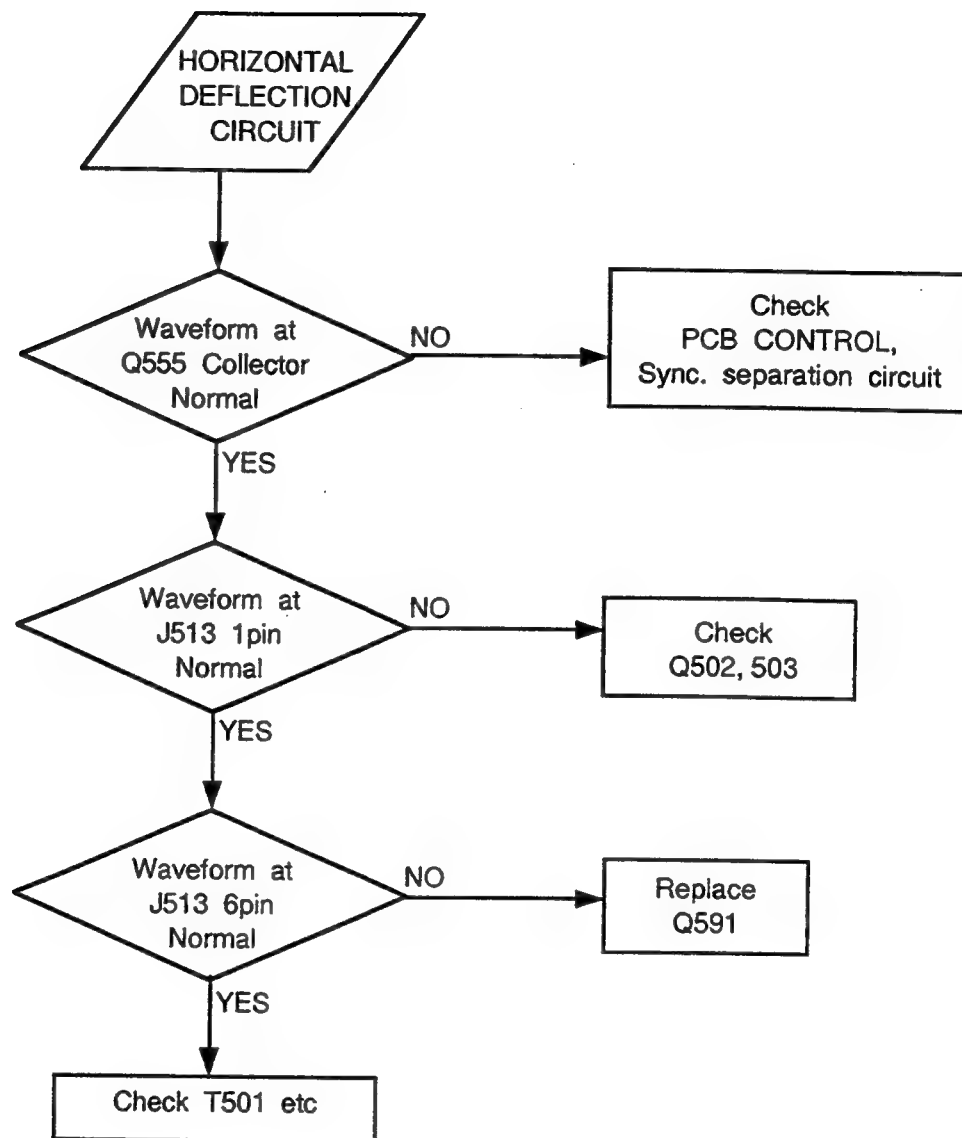












5. WAVEFORM

MEASUREMENT CONDITION

1. input signal

fH: 74KHz fV: 70Hz

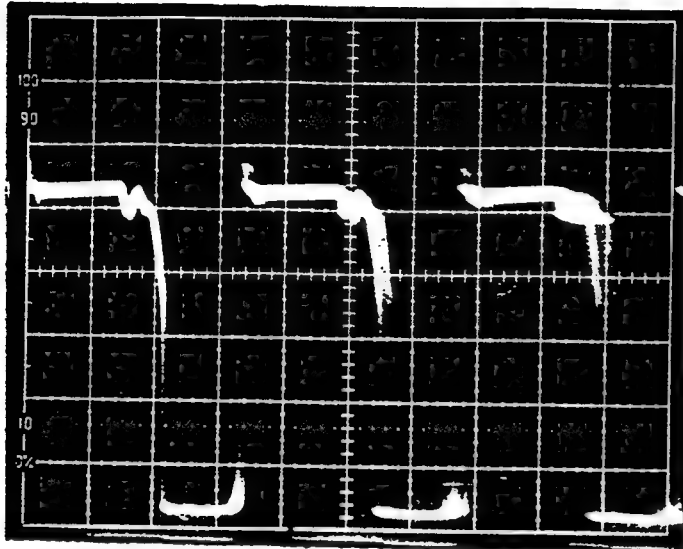
Picture: 8 color bar signal

2. Bright, Contrast Control

Bright: Max

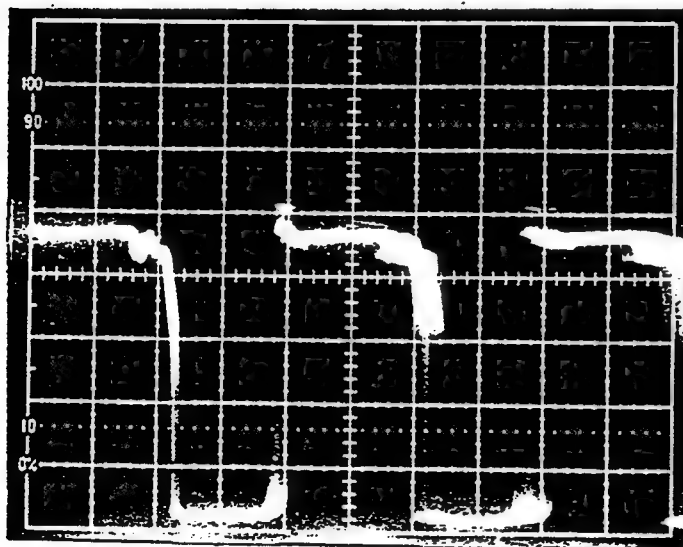
Cont.: Max

PCB POWER



(1) POWER SWITCHING OUT
(AC100V 60Hz INPUT)
(ADDRES) IC902 (11), (12)pin

100V/div 5 μ s/div
(Vertical) (Horizontal)



(2) POWER SWITCHING OUT
(AC240V 50Hz INPUT)
(ADDRES) IC902 (11), (12)pin

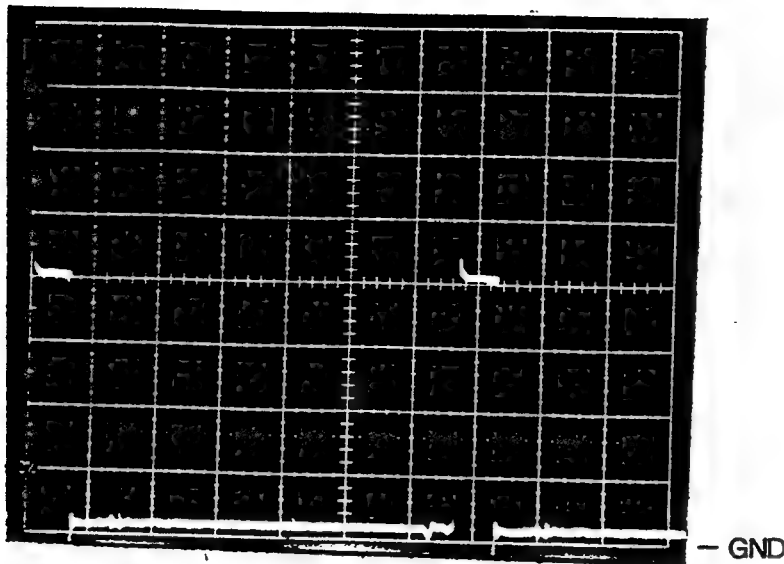
100V/div 5 μ s/div

PCB DEFL

(1) H-SYNC

(ADDRESS) J508 ①pin

1V/div 2 μ s/div

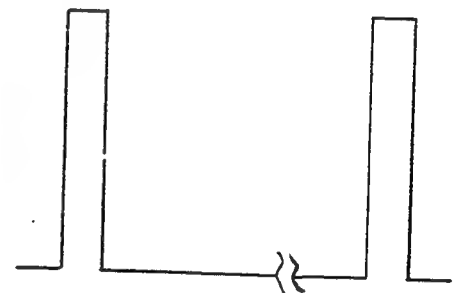
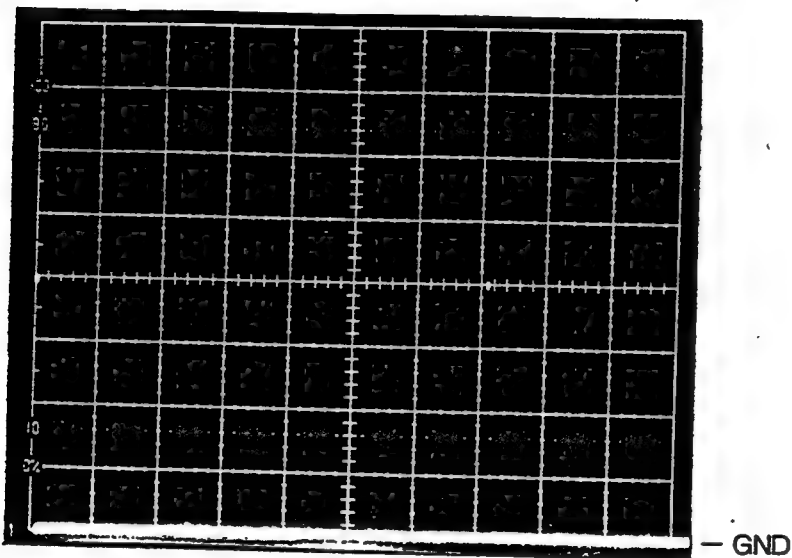


(2) V-SYNC

(ADDRESS) J508 ②pin

1V/div 2 μ s/div

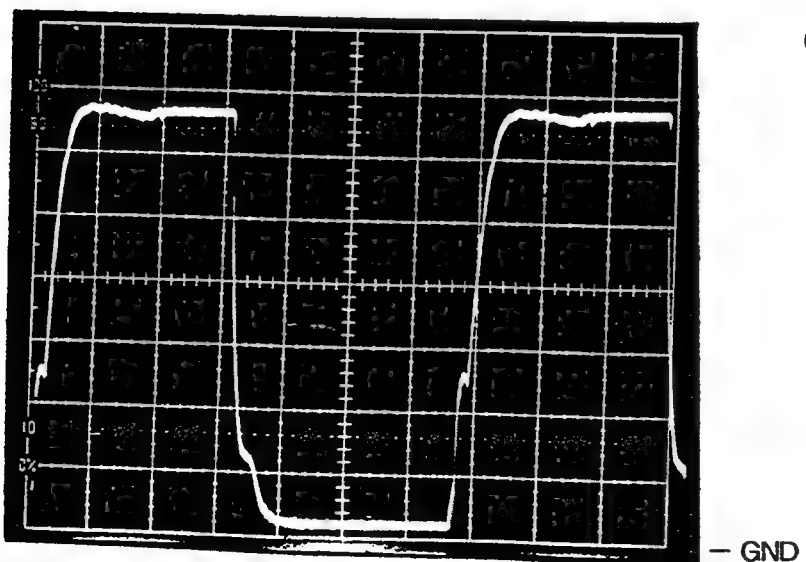
33 μ sec



(3) H-DRIVE

(ADDRESS) J507 ⑬pin

1V/div 2 μ s/div

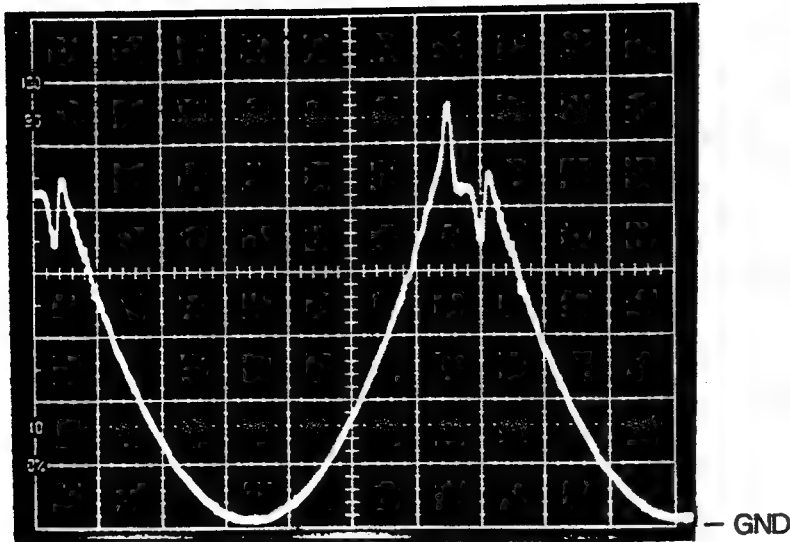


PCB DEFL

(4) DBF-H

(ADDRESS) J507 ⑤pin

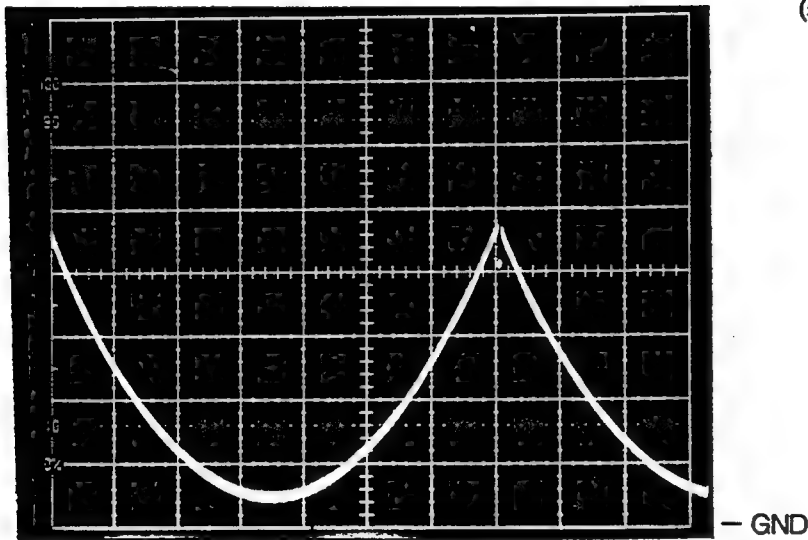
0.2V/div 2 μ s/div



(5) DBF-V

(ADDRESS) J507 ⑥pin

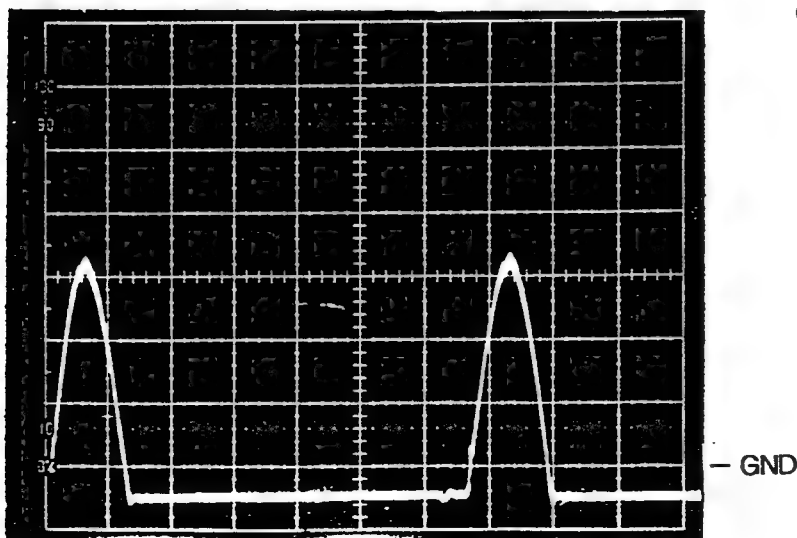
0.2V/div 2ms/div



(6) AFC

(ADDRESS) J507 ⑫pin

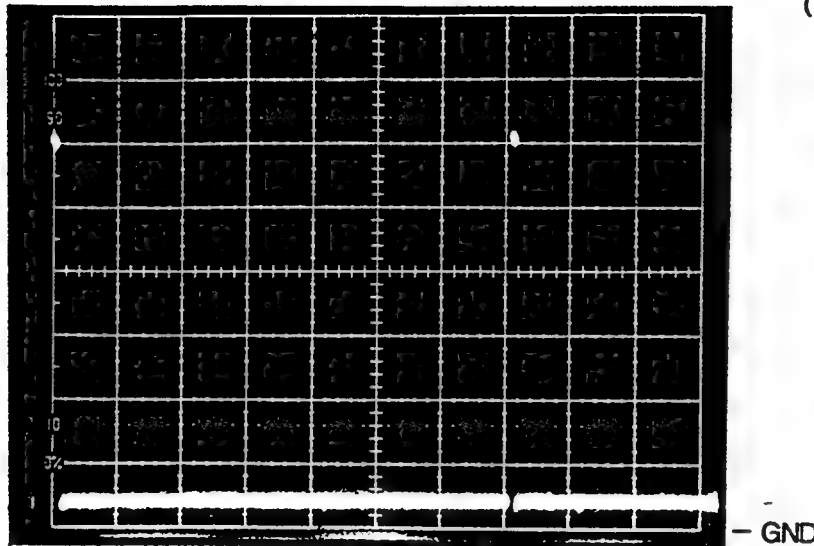
10V/div 2 μ s/div



(7) VD

(ADDRES) J507 ①pin

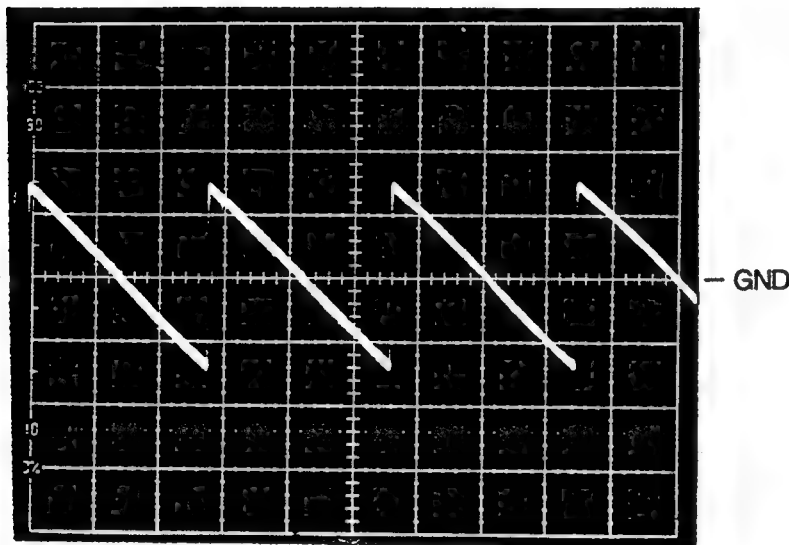
0.2V/div 2ms/div



(8) V-RAMP

(ADDRES) J507 ②pin

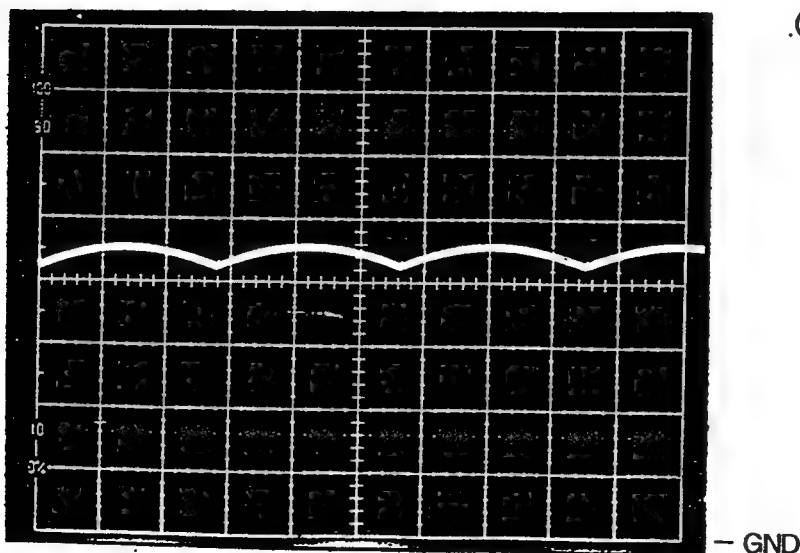
0.5V/div 5ms/div



(9) H-SIZE

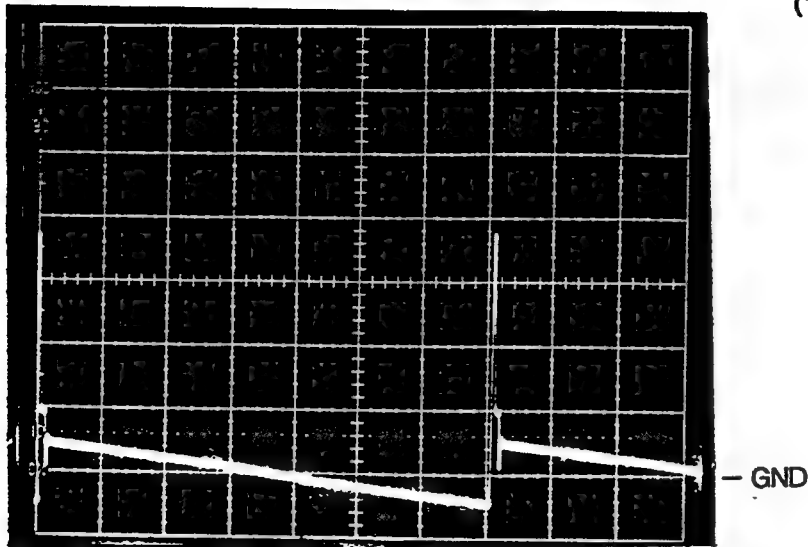
(ADDRES) J506 ①pin

1V/div 5ms/div

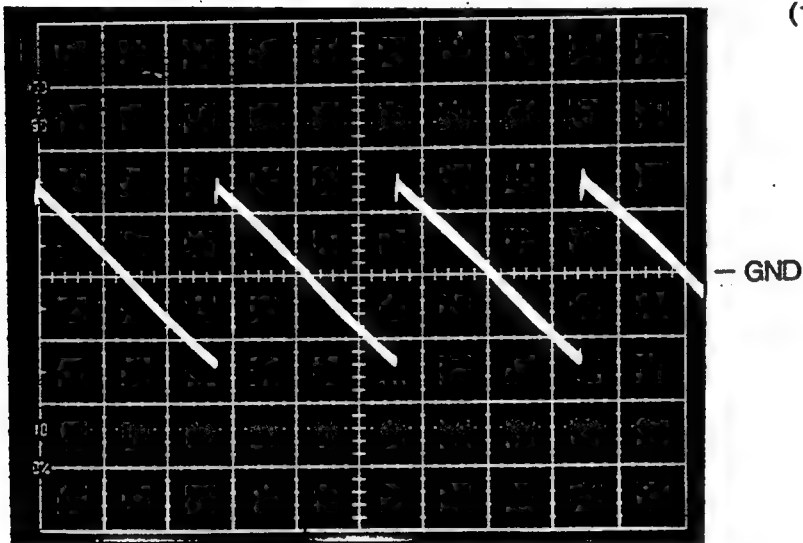


PCB DEFL

- (10) V-DY HIGH VOLTAGE SIDE
(ADDRES) J511 ④pin or
R410/R411

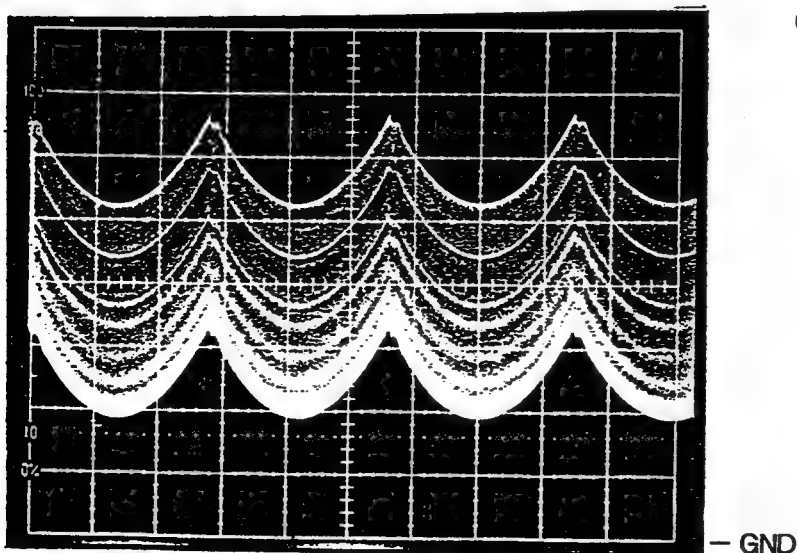


- (11) V-DY LOW VOLTAGE SIDE
(ADDRES) J511 ③pin or
R412/R413



- (12) TP-DBF
(ADDRES) TP-DBF

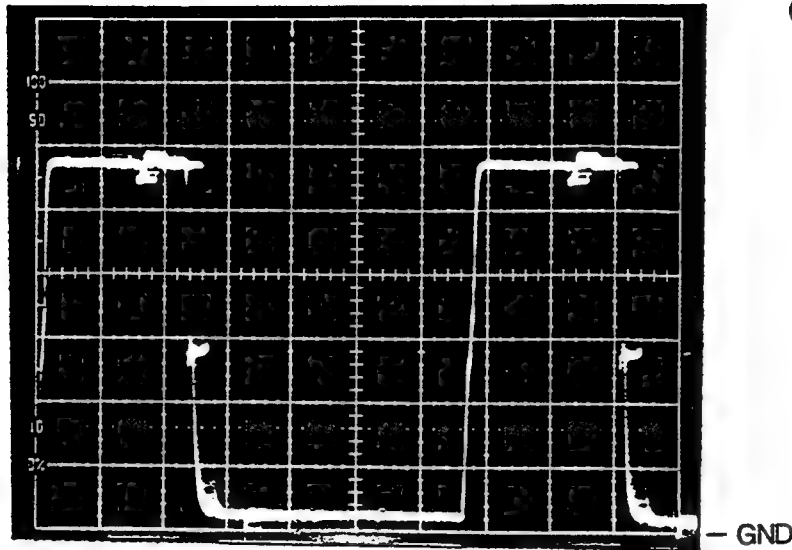
100V/div 5ms/div



PCB DEFL

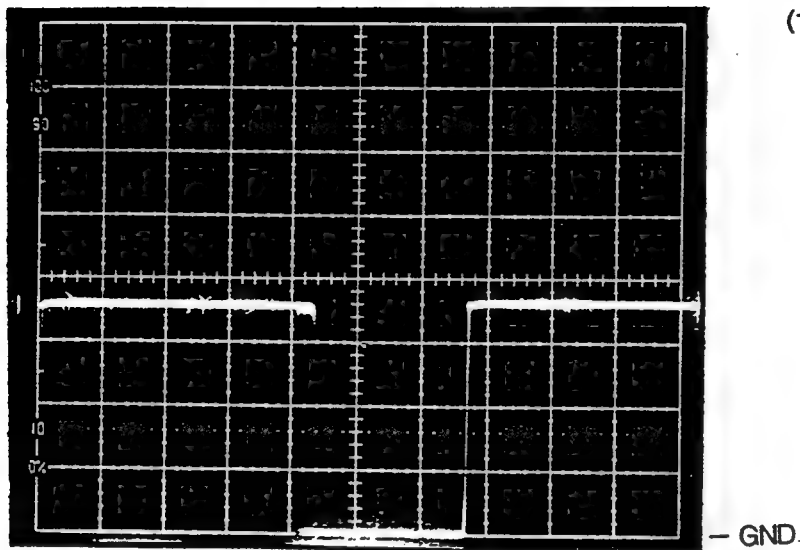
(13) H-DEFL CHOPPER DRIVE
(ADDRES) IC501 ①pin

2V/div 2 μ s/div



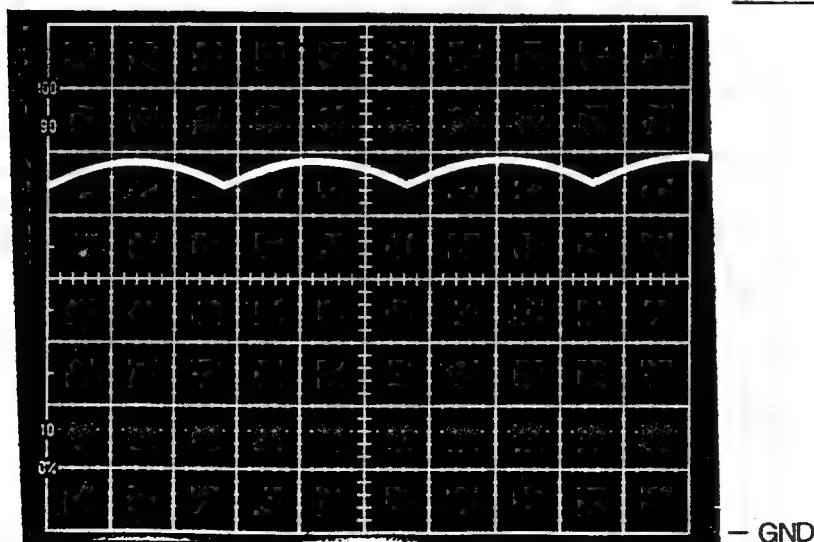
(14) H-DEFL CHOPPER OUT
(ADDRES) Q513 DRAIN or
L507/L504

50V/div 2 μ s/div

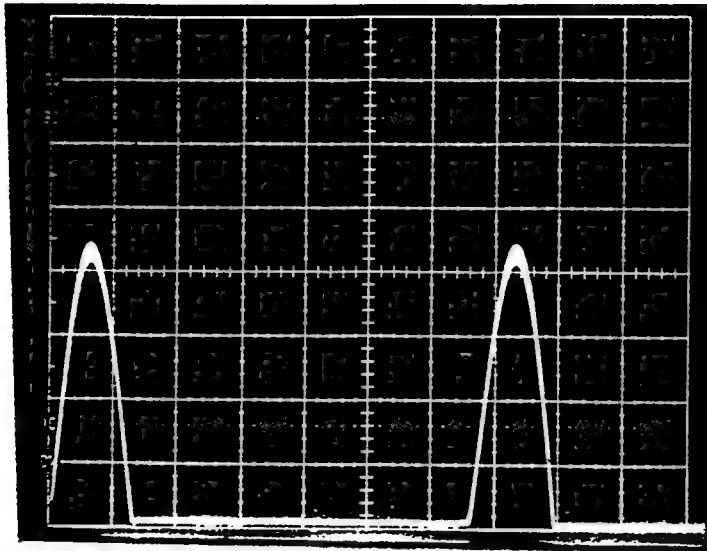


(15) H-DEFL POWER SUPPLY VOLTAGE
(ADDRES) T501 ⑥pin or
C527/L503

20V/div 5ms/div



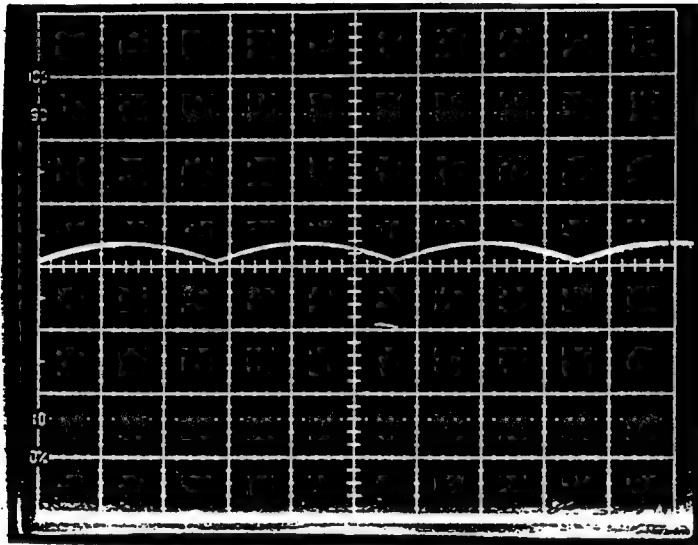
PCB DEFL



(16) H-DEFL OUT COLLECTOR PULSE
(ADDRES) T501 ③ pin or
Q591, Q592 COLLECTOR

200V/div 2 μ s/div

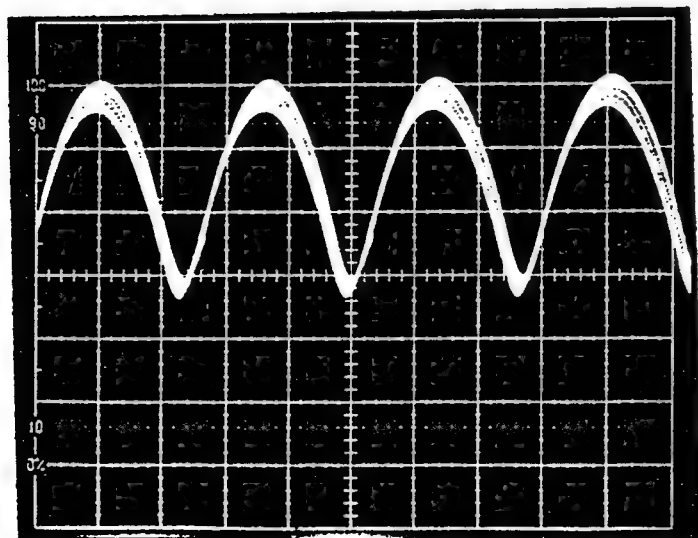
— GND



(17) DITTO
(ADDRES) DITTO

200V/div 5ms/div

— GND



(18) S-CURVE-CORRECTION-VOLTAGE
(ADDRES) L501/L512

20V/div 5 μ s/div

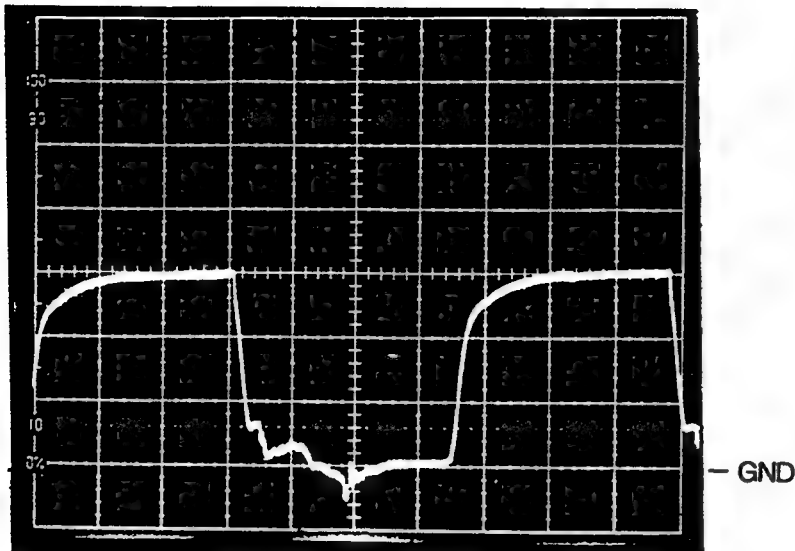
— GND

PCB DEFL

(19) H-DEFL-OUT-DRIVE

(ADDRES) J513 ①pin or
R521/R591

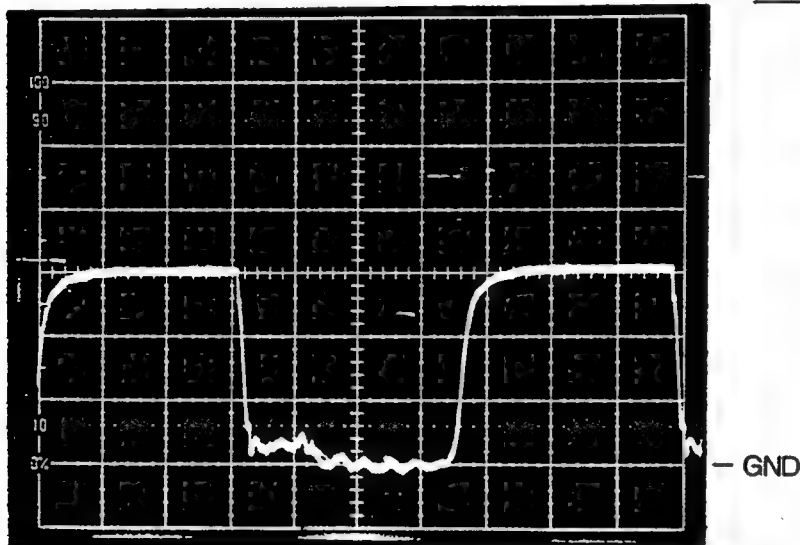
5V/div 2 μ s/div



(20) EXTRA HIGH VOLTAGE OUT DRIVE

(ADDRES) J514 ⑤pin or
R613/R691

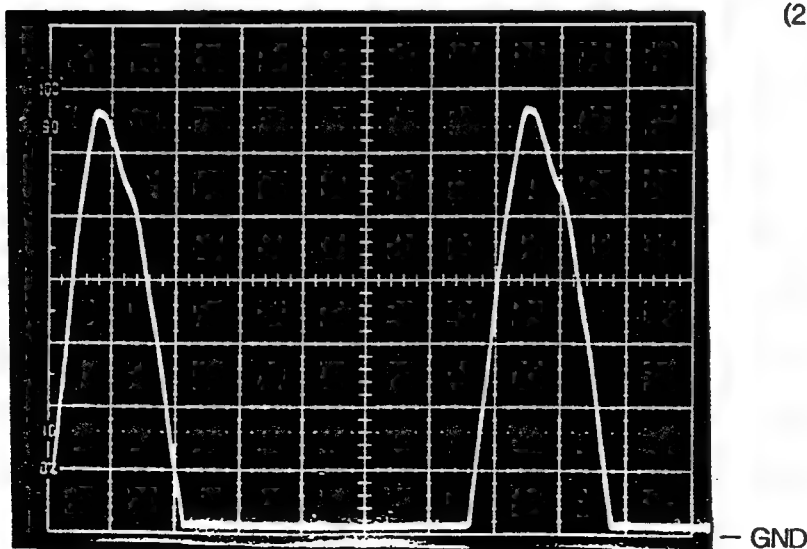
5V/div 2 μ s/div



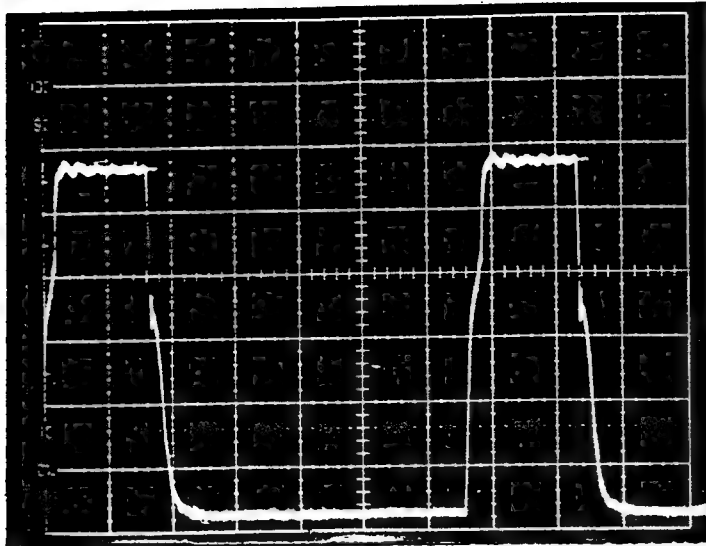
(21) EXTRA HIGH VOLTAGE OUT
COLLECTOR PULSE

(ADDRES) J514 ①pin or
T601 ⑩pin

100V/div 2 μ s/div

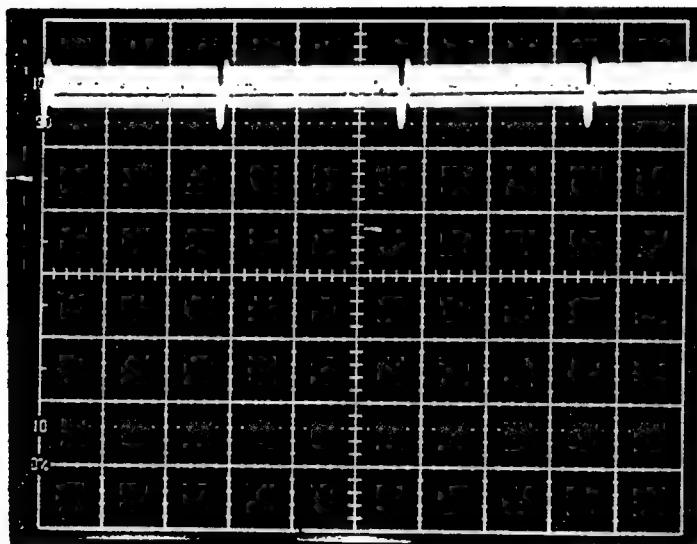


PCB DEFL



(22) EXTRA HIGH VOLTAGE POWER
SUPPLY CHOPPER DRIVE
(ADDRES) IC601 ①pin

2V/div 2μs/div



(23) EXTRA HIGH VOLTAGE
POWER SUPPLY VOLTAGE
(ADDRES) T601 ⑨pin

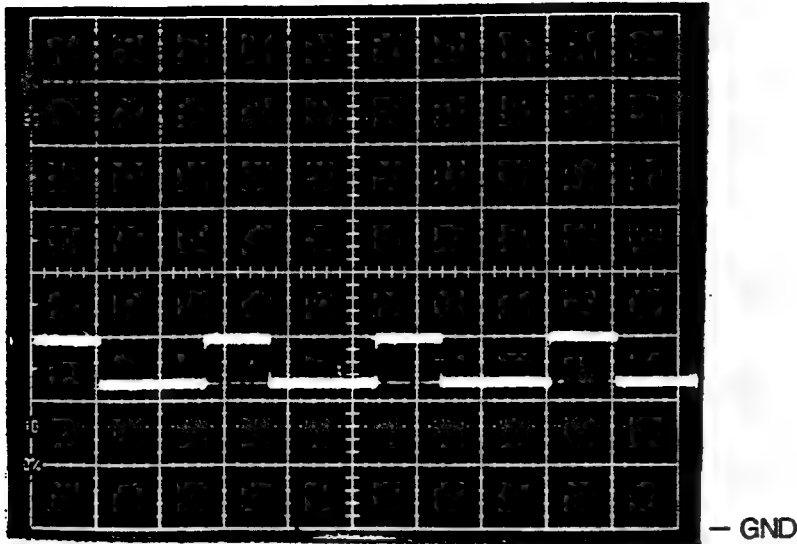
20V/div 5ns/div

PCB VIDEO

(1) VIDEO INPUT (RED)

(ADDRESS) IC301 ①pin

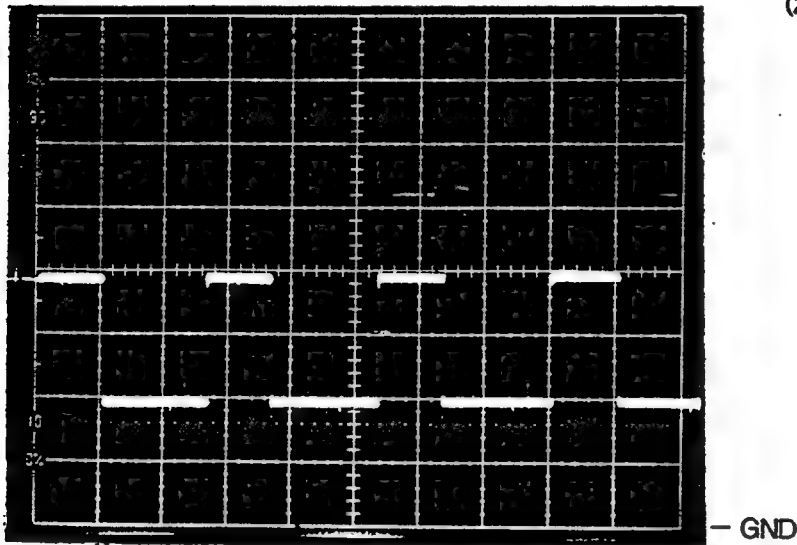
1V/div 5 μ s/div



(2) VIDEO PRE AMP OUT (RED)

(ADDRESS) IC301 ⑥pin

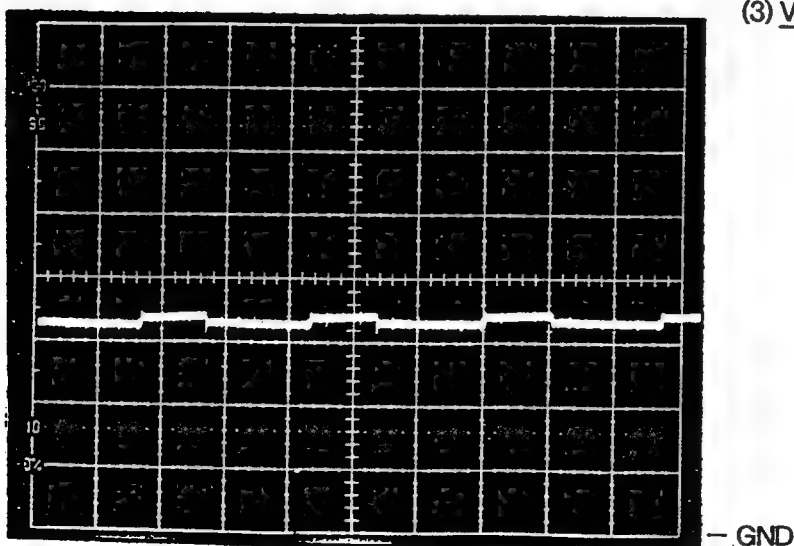
2V/div 5 μ s/div



(3) VIDEO MAIN AMP INPUT (RED)

(ADDRESS) IC302 ①pin

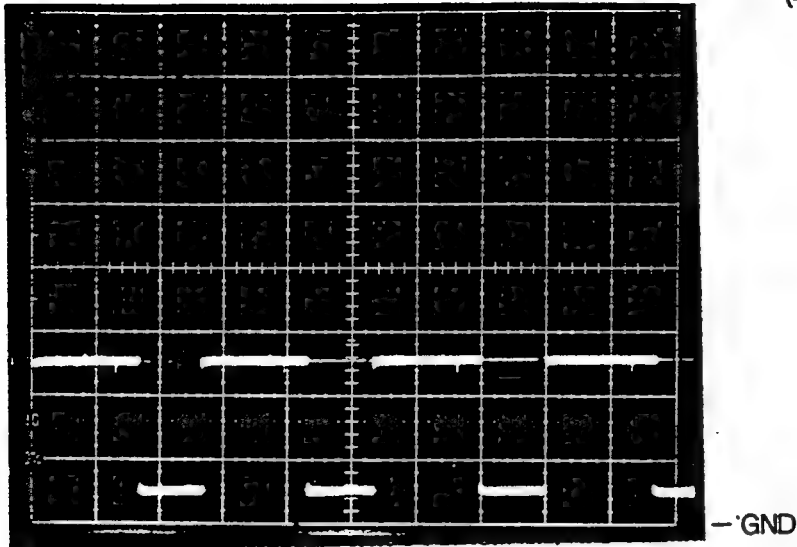
0.5V/div 5 μ s/div



PCB VIDEO

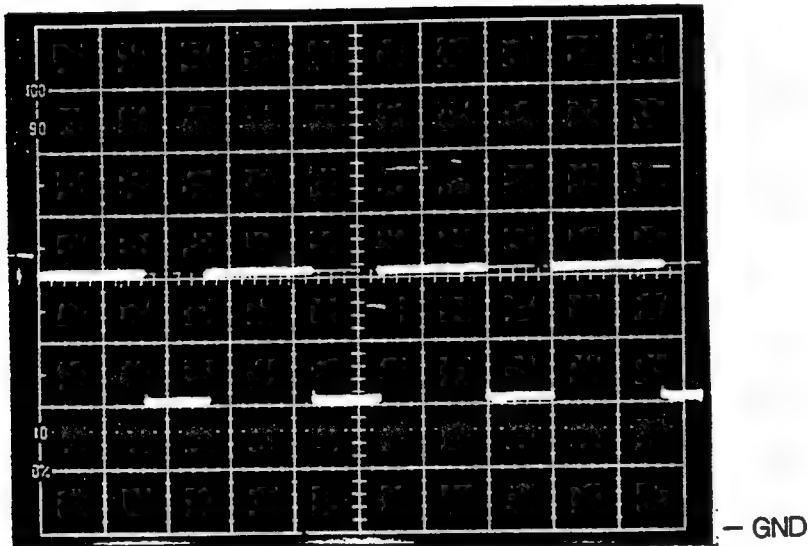
(4) VIDEO MAIN AMP OUTPUT
(ADDRESS) IC302 ⑨pin

20V/div 5 μ s/div



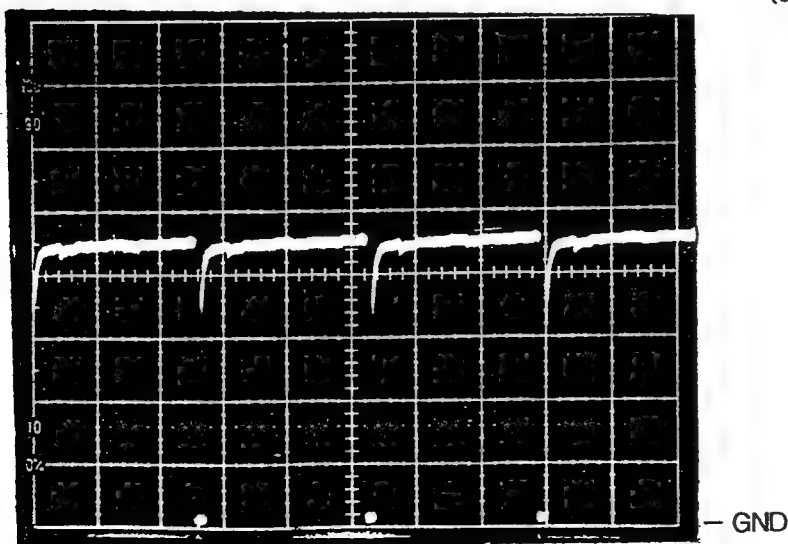
(5) VIDEO OUTPUT FOR CRT CATHODE
(ADDRESS) J3R5 ②pin

20V/div 5 μ s/div



(6) CLAMP PULSE
(ADDRESS) IC3C3 ⑥pin

1V/div 5 μ s/div

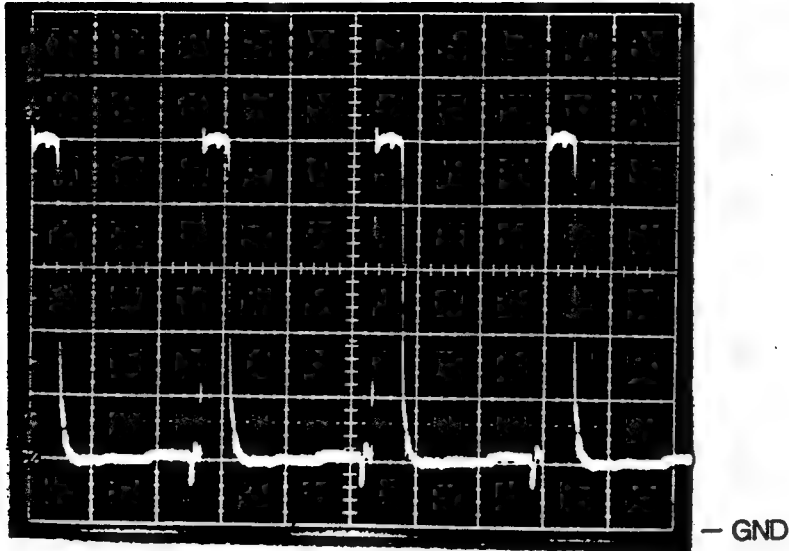


PCB VIDEO

(7) H-BLK PULSE

(ADDRESS) J3C2 ④pin

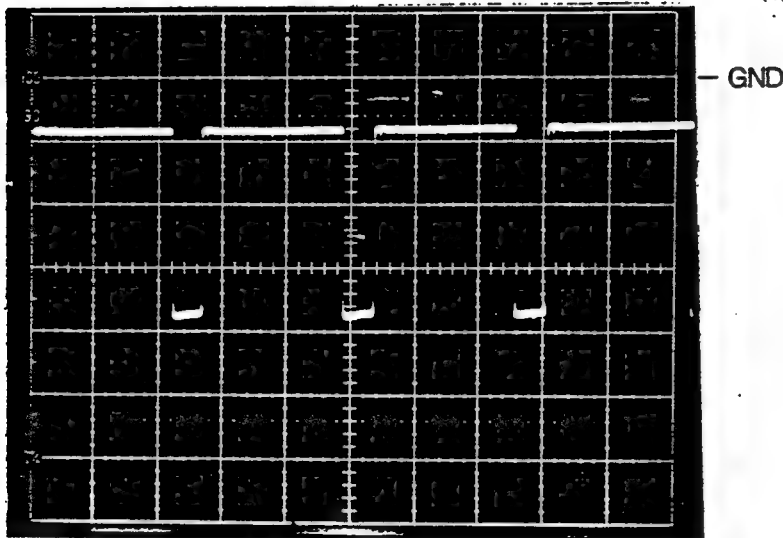
1V/div 5 μ s/div



(8) G1 VOLTAGE

(ADDRESS) J3C4 ①pin

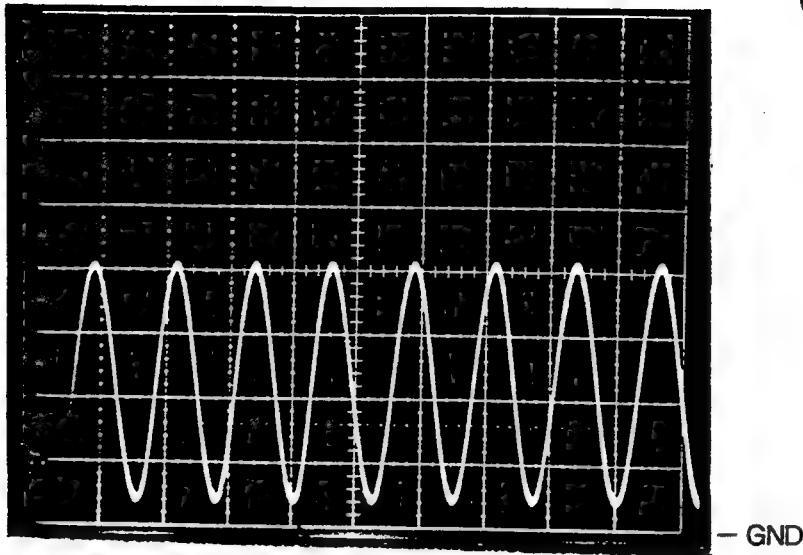
20V/div 5 μ s/div



PCB CONTROL

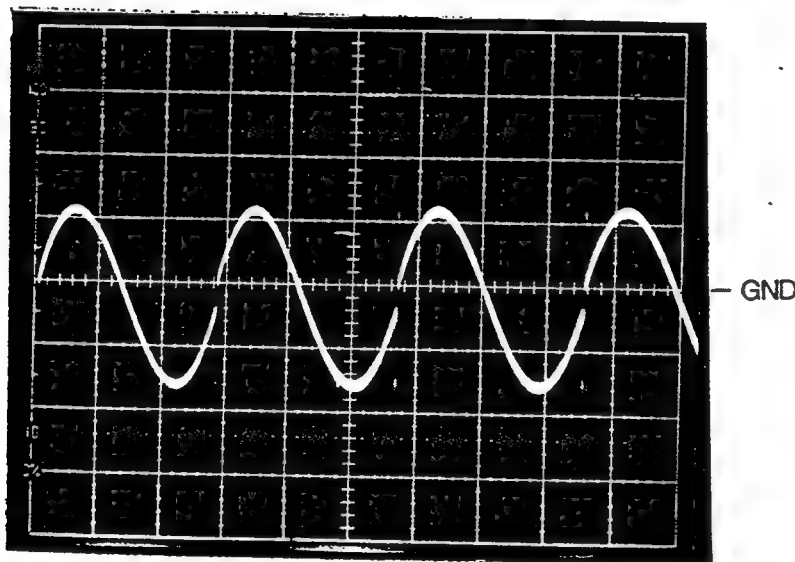
(1) CLOCK OSC1
(ADDRES) IC101 ④5pin

1V/div 0.1 μ s/div



(2) TP1 (SINE)
(ADDRES) TP1 (SINE)

1V/div 5ms/div



6. ALL PARTS LIST

SYMBOL NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
R 914	CP103D003A11	R-CARBON 1/4W 1.2M-J	1	10-99
R 913	CP103D003A21	R-CARBON 1/4W 1.5M-J	1	10-99
R 628	CP103P064A91	R-METAL-S 1/4W 1K-F 102 RN-H	1	20-99
R 620	CP103P065A11	R-METAL-S 1/4W 1.2K-F 122 RN-H	1	10-99
R 543	CP103P065A31	R-METAL-S 1/4W 1.5K-F 152 RN-H	1	10-99
R 604	CP103P065A51	R-METAL-S 1/4W 1.8K-F 182 RN-H	1	10-99
R 627	CP103P065A61	R-METAL-S 1/4W 2K-F 202 RN-H	1	20-99
R 628	CP103P065A81	R-METAL-S 1/4W 2.4K-F 242 RN-H	1	10-19
R 627	CP103P066A11	R-METAL-S 1/4W 3.3K-F	1	10-19
R 605	CP103P066A31	R-METAL-S 1/4W 3.9K-F 392 RN-H (DH)	1	10-99
R 684	CP103P066A31	R-METAL-S 1/4W 3.9K-F 392 RN-H (DH)	1	10-99
R 606	CP103P066A41	R-METAL-S 1/4W 4.3K-F 432 RN-H	1	10-99
R 630	CP103P066A51	R-METAL-S 1/4W 4.7K-F 472RN-H	1	20-99
R 530	CP103P066A91	R-METAL-S 1/4W 6.8K-F 682 RN-H	1	10-99
R 607	CP103P067A11	R-METAL-S 1/4W 8.2K-F 822 RN-H	1	10-99
R 460	CP103P068A11	R-METAL-S 1/4W 22K-F 223RN-H	1	20-99
R 529	CP103P068A81	R-METAL-S 1/4W 43K-F 433 RN-H	1	10-99
R 619	CP103P070A61	R-METAL-S 1/4W 160K-F 164 RN-H	1	10-99
R 608	CP103P070A91	R-METAL-S 1/4W 220K-F 224 RN-H	1	20-99
R 615	CP103P070A91	R-METAL-S 1/4W 220K-F 224 RN-H	1	10-99
R 313C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	10-50
R 353C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	10-50
R 393C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	10-50
R 389C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	10-50
R 339C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	10-50
R 379C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	10-50
R 313C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	51-99
R 353C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	51-99
R 393C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	51-99
R 389C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	51-99
R 339C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	51-99
R 379C	CP103P091A61	R-CARBON-CHIP 1/4W 100-J	1	51-99
R 3E7C	CP103P092A01	R-CARBON-CHIP 1/4W 220-J	1	10-50
R 3E7C	CP103P092A01	R-CARBON-CHIP 1/4W 220-J	1	51-99
R 309C	CP103P092A21	R-CARBON-CHIP 1/4W 330-J	1	10-50
R 349C	CP103P092A21	R-CARBON-CHIP 1/4W 330-J	1	10-50
R 389C	CP103P092A21	R-CARBON-CHIP 1/4W 330-J	1	10-50
R 309C	CP103P092A21	R-CARBON-CHIP 1/4W 330-J	1	51-99
R 349C	CP103P092A21	R-CARBON-CHIP 1/4W 330-J	1	51-99
R 389C	CP103P092A21	R-CARBON-CHIP 1/4W 330-J	1	51-99
R 3G0	CP103P094A21	R-CARBON-CHIP 1/4W 15K-J	1	10-50
R 3G1C	CP103P094A21	R-CARBON-CHIP 1/4W 15K-J	1	10-50
R 3G0	CP103P094A21	R-CARBON-CHIP 1/4W 15K-J	1	51-99
R 3G1C	CP103P094A21	R-CARBON-CHIP 1/4W 15K-J	1	51-99
R 3A5C	CP103P094A31	R-CARBON-CHIP 1/4W 18K-J	1	10-50
R 325C	CP103P094A31	R-CARBON-CHIP 1/4W 18K-J	1	10-50
R 365C	CP103P094A31	R-CARBON-CHIP 1/4W 18K-J	1	51-99
R 3A5C	CP103P094A31	R-CARBON-CHIP 1/4W 18K-J	1	51-99
R 325C	CP103P094A31	R-CARBON-CHIP 1/4W 18K-J	1	51-99
R 365C	CP103P094A31	R-CARBON-CHIP 1/4W 18K-J	1	51-99
R 3F7C	CP103P094A41	R-CARBON-CHIP 1/4W 22K-J	1	10-50

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SYMBOL

NO.

PART NO.

DESCRIPTION / SPECIFICATION

QTY

LOT NO.

R 3F7C	CP103P094A41	R-CARBON-CHIP	1/4W 22K-J	1	51-99
R 3F8C	CP103P094A91	R-CARBON-CHIP	1/4W 56K-J	1	10-50
R 3F8C	CP103P094A91	R-CARBON-CHIP	1/4W 56K-J	1	51-99
R 3G6C	CP103P095A01	R-CARBON-CHIP	1/4W 68K-J	1	10-50
R 3G6C	CP103P095A01	R-CARBON-CHIP	1/4W 68K-J	1	51-99
R 3E5C	CP103P095A21	R-CARBON-CHIP	1/4W 100K-J	1	10-50
R 3E5C	CP103P095A21	R-CARBON-CHIP	1/4W 100K-J	1	51-99
R 3A9C	CP103P100A21	R-CARBON-CHIP	1/10W 4.7-K	1	10-19
R 329C	CP103P100A21	R-CARBON-CHIP	1/10W 4.7-K	1	10-19
R 369C	CP103P100A21	R-CARBON-CHIP	1/10W 4.7-K	1	10-19
R 304C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	10-50
R 305C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	10-50
R 344C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	10-50
R 345C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	10-50
R 384C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	10-50
R 385C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	10-50
R 304C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	51-99
R 305C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	51-99
R 344C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	51-99
R 345C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	51-99
R 384C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	51-99
R 385C	CP103P100A91	R-CARBON-CHIP	1/10W 27-J	1	51-99
R 3A9C	CP103P101A01	R-CARBON-CHIP	1/10W 33-J	1	20-50
R 329C	CP103P101A01	R-CARBON-CHIP	1/10W 33-J	1	20-50
R 369C	CP103P101A01	R-CARBON-CHIP	1/10W 33-J	1	20-50
R 3A9C	CP103P101A01	R-CARBON-CHIP	1/10W 33-J	1	51-99
R 329C	CP103P101A01	R-CARBON-CHIP	1/10W 33-J	1	51-99
R 369C	CP103P101A01	R-CARBON-CHIP	1/10W 33-J	1	51-99
R 3B1C	CP103P101A11	R-CARBON-CHIP	1/10W 39-J	1	10-50
R 331C	CP103P101A11	R-CARBON-CHIP	1/10W 39-J	1	10-50
R 371C	CP103P101A11	R-CARBON-CHIP	1/10W 39-J	1	10-50
R 3B1C	CP103P101A11	R-CARBON-CHIP	1/10W 39-J	1	51-99
R 331C	CP103P101A11	R-CARBON-CHIP	1/10W 39-J	1	51-99
R 371C	CP103P101A11	R-CARBON-CHIP	1/10W 39-J	1	51-99
R 303C	CP103P101A21	R-CARBON-CHIP	1/10W 47-J	1	10-19
R 314C	CP103P101A21	R-CARBON-CHIP	1/10W 47-J	1	10-50
R 343C	CP103P101A21	R-CARBON-CHIP	1/10W 47-J	1	10-19
R 354C	CP103P101A21	R-CARBON-CHIP	1/10W 47-J	1	10-50
R 383C	CP103P101A21	R-CARBON-CHIP	1/10W 47-J	1	10-19
R 394C	CP103P101A21	R-CARBON-CHIP	1/10W 47-J	1	10-50
R 314C	CP103P101A21	R-CARBON-CHIP	1/10W 47-J	1	51-99
R 354C	CP103P101A21	R-CARBON-CHIP	1/10W 47-J	1	51-99
R 394C	CP103P101A21	R-CARBON-CHIP	1/10W 47-J	1	51-99
R 3A3C	CP103P101A61	R-CARBON-CHIP	1/10W 100-J	1	10-50
R 3A6C	CP103P101A61	R-CARBON-CHIP	1/10W 100-J	1	10-50
R 312C	CP103P101A61	R-CARBON-CHIP	1/10W 100-J	1	10-50
R 323C	CP103P101A61	R-CARBON-CHIP	1/10W 100-J	1	10-50
R 326C	CP103P101A61	R-CARBON-CHIP	1/10W 100-J	1	10-50
R 352C	CP103P101A61	R-CARBON-CHIP	1/10W 100-J	1	10-50
R 363C	CP103P101A61	R-CARBON-CHIP	1/10W 100-J	1	10-50
R 366C	CP103P101A61	R-CARBON-CHIP	1/10W 100-J	1	10-50
R 392C	CP103P101A61	R-CARBON-CHIP	1/10W 100-J	1	10-50

SYMBOL

NO. PART NO.

DESCRIPTION / SPECIFICATION

QTY

LOT NO.

R 3F9	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-50
R 3G4C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-50
R 3G5C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-50
R 3A3C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 3A6C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 312C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 323C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 326C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 352C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 363C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 366C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 392C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 3F9	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 3G4C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 3G5C	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	51-99
R 1V5	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-99
R 1V6	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-99
R 1V7	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-99
R 1V8	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-99
R 1V9	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-99
R 1X1	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-99
R 1X2	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-99
R 1X3	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-99
R 1X4	CP103P101A61	R-CARBON-CHIP	1/10W	100-J	1	10-99
R 3C3C	CP103P101A81	R-CARBON-CHIP	1/10W	150-J	1	10-50
R 3C4C	CP103P101A81	R-CARBON-CHIP	1/10W	150-J	1	10-50
R 3O3C	CP103P101A81	R-CARBON-CHIP	1/10W	150-J	1	20-50
R 343C	CP103P101A81	R-CARBON-CHIP	1/10W	150-J	1	20-50
R 383C	CP103P101A81	R-CARBON-CHIP	1/10W	150-J	1	20-50
R 3C3C	CP103P101A81	R-CARBON-CHIP	1/10W	150-J	1	51-99
R 3C4C	CP103P101A81	R-CARBON-CHIP	1/10W	150-J	1	51-99
R 3O3C	CP103P101A81	R-CARBON-CHIP	1/10W	150-J	1	51-99
R 343C	CP103P101A81	R-CARBON-CHIP	1/10W	150-J	1	51-99
R 383C	CP103P101A81	R-CARBON-CHIP	1/10W	150-J	1	51-99
R 315C	CP103P101A91	R-CARBON-CHIP	1/10W	180-J	1	20-50
R 355C	CP103P101A91	R-CARBON-CHIP	1/10W	180-J	1	20-50
R 395C	CP103P101A91	R-CARBON-CHIP	1/10W	180-J	1	20-50
R 315C	CP103P101A91	R-CARBON-CHIP	1/10W	180-J	1	51-99
R 355C	CP103P101A91	R-CARBON-CHIP	1/10W	180-J	1	51-99
R 395C	CP103P101A91	R-CARBON-CHIP	1/10W	180-J	1	51-99
R 1N9	CP103P102A01	R-CARBON-CHIP	1/10W	220-J	1	10-99
R 161	CP103P102A01	R-CARBON-CHIP	1/10W	220-J	1	10-99
R 1T2	CP103P102A01	R-CARBON-CHIP	1/10W	220-J	1	10-99
R 1T3	CP103P102A01	R-CARBON-CHIP	1/10W	220-J	1	10-99
R 1T4	CP103P102A01	R-CARBON-CHIP	1/10W	220-J	1	10-99
R 1T5	CP103P102A01	R-CARBON-CHIP	1/10W	220-J	1	10-99
R 1T6	CP103P102A01	R-CARBON-CHIP	1/10W	220-J	1	10-99
R 315C	CP103P102A11	R-CARBON-CHIP	1/10W	270-J	1	10-19
R 355C	CP103P102A11	R-CARBON-CHIP	1/10W	270-J	1	10-19
R 395C	CP103P102A11	R-CARBON-CHIP	1/10W	270-J	1	10-19
R 1E4	CP103P102A11	R-CARBON-CHIP	1/10W	270-J	1	10-99
R 1E5	CP103P102A11	R-CARBON-CHIP	1/10W	270-J	1	10-99

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SYMBOL	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
NO.				
R 1E6	CP103P102A11	R-CARBON-CHIP 1/10W 270-J	1	10-99
R 1E7	CP103P102A11	R-CARBON-CHIP 1/10W 270-J	1	10-99
R 1E8	CP103P102A11	R-CARBON-CHIP 1/10W 270-J	1	10-99
R 1F4	CP103P102A11	R-CARBON-CHIP 1/10W 270-J	1	10-99
R 1F7	CP103P102A11	R-CARBON-CHIP 1/10W 270-J	1	10-99
R 1J3	CP103P102A21	R-CARBON-CHIP 1/10W 330-J	1	10-99
R 1N8	CP103P102A21	R-CARBON-CHIP 1/10W 330-J	1	10-99
R 160	CP103P102A21	R-CARBON-CHIP 1/10W 330-J	1	10-99
R 3D6C	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-50
R 3D6C	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	51-99
R 1D3	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1D4	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1D5	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1D6	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1D7	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1D8	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1D9	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1E0	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1F8	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1F9	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1G0	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1G1	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1G2	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1G3	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1G4	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1G5	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1G6	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-19
R 1G7	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1G8	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1G9	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1H0	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1H3	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1H6	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1J4	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1M2	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1P9	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1Q2	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1Q3	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 117	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 1Q6	CP103P102A41	R-CARBON-CHIP 1/10W 470-J	1	10-99
R 3B2C	CP103P102A61	R-CARBON-CHIP 1/10W 680-J	1	10-50
R 332C	CP103P102A61	R-CARBON-CHIP 1/10W 680-J	1	10-50
R 372C	CP103P102A61	R-CARBON-CHIP 1/10W 680-J	1	10-50
R 3B2C	CP103P102A61	R-CARBON-CHIP 1/10W 680-J	1	51-99
R 332C	CP103P102A61	R-CARBON-CHIP 1/10W 680-J	1	51-99
R 372C	CP103P102A61	R-CARBON-CHIP 1/10W 680-J	1	51-99
R 1X5	CP103P102A61	R-CARBON-CHIP 1/10W 680-J	1	10-99
R 3D9C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-50
R 3E1C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-50
R 306C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-50
R 308C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-50
R 346C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-50

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
R 348C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-50
R 386C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-50
R 388C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-50
R 3D9C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	51-99
R 3E1C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	51-99
R 306C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	51-99
R 308C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	51-99
R 346C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	51-99
R 348C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	51-99
R 386C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	51-99
R 388C	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	51-99
R 1C8	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1D0	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1E1	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1E2	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1E3	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1F0	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1F1	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1F2	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1F3	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1F5	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1F6	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1H9	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1K4	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1L8	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 1Q5	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-19
R 121	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 122	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 123	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 124	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-19
R 125	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-19
R 155	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-19
R 168	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 175	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	10-99
R 193	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	20-99
R 194	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	20-99
R 1R1	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	20-99
R 1R2	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	20-99
R 1R3	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	20-99
R 1R4	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	20-99
R 1R5	CP103P102A81	R-CARBON-CHIP 1/10W 1K-J	1	20-99
R 1J5	CP103P102A91	R-CARBON-CHIP 1/10W 1.2K-J	1	10-99
R 1M4	CP103P102A91	R-CARBON-CHIP 1/10W 1.2K-J	1	10-99
R 147	CP103P103A11	R-CARBON-CHIP 1/10W 1.8K-J	1	10-99
R 184	CP103P103A11	R-CARBON-CHIP 1/10W 1.8K-J	1	10-99
R 3A1C	CP103P103A21	R-CARBON-CHIP 1/10W 2.2K-J	1	10-50
R 3C8C	CP103P103A21	R-CARBON-CHIP 1/10W 2.2K-J	1	10-50
R 3E8C	CP103P103A21	R-CARBON-CHIP 1/10W 2.2K-J	1	10-50
R 321C	CP103P103A21	R-CARBON-CHIP 1/10W 2.2K-J	1	10-50
R 361C	CP103P103A21	R-CARBON-CHIP 1/10W 2.2K-J	1	10-50
R 3A1C	CP103P103A21	R-CARBON-CHIP 1/10W 2.2K-J	1	51-99

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SYMBOL

NO.

PART NO.

DESCRIPTION / SPECIFICATION

QTY

LOT NO.

R 3C8C	CP103P103A21	R-CARBON-CHIP	1/10W 2.2K-J	1	51-99
R 3C9C	CP103P103A21	R-CARBON-CHIP	1/10W 2.2K-J	1	51-99
R 3E8C	CP103P103A21	R-CARBON-CHIP	1/10W 2.2K-J	1	51-99
R 321C	CP103P103A21	R-CARBON-CHIP	1/10W 2.2K-J	1	51-99
R 361C	CP103P103A21	R-CARBON-CHIP	1/10W 2.2K-J	1	51-99
R 1N7	CP103P103A21	R-CARBON-CHIP	1/10W 2.2K-J	1	10-99
R 1N6	CP103P103A41	R-CARBON-CHIP	1/10W 3.3K-J	1	10-99
R 146	CP103P103A41	R-CARBON-CHIP	1/10W 3.3K-J	1	10-99
R 162	CP103P103A51	R-CARBON-CHIP	1/10W 3.9K-J	1	10-99
R 167	CP103P103A51	R-CARBON-CHIP	1/10W 3.9K-J	1	10-99
R 3D7C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 3D8C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 3E0C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 3E2C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 3E3C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 3E6C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 310C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 311C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 350C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 351C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 390C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 391C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 3B6C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 336C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 376C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-50
R 3D7C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 3D8C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 3E0C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 3E2C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 3E3C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 3E6C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 310C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 311C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 350C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 351C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 390C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 391C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 3B6C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 336C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 376C	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	51-99
R 1D1	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1P8	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1Q4	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 118	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-19
R 119	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 120	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 169	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1T1	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1W1	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1W2	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1W3	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1W4	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99

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SYMBOL

NO.

PART NO.

DESCRIPTION / SPECIFICATION

QTY

LOT NO.

R 1W6	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1W7	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1W8	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1W9	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1Y7	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1Y8	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 1Y9	CP103P103A61	R-CARBON-CHIP	1/10W 4.7K-J	1	10-99
R 3B0C	CP103P103A71	R-CARBON-CHIP	1/10W 5.6K-J	1	10-50
R 3C7C	CP103P103A71	R-CARBON-CHIP	1/10W 5.6K-J	1	10-50
R 330C	CP103P103A71	R-CARBON-CHIP	1/10W 5.6K-J	1	10-50
R 370C	CP103P103A71	R-CARBON-CHIP	1/10W 5.6K-J	1	10-50
R 3B0C	CP103P103A71	R-CARBON-CHIP	1/10W 5.6K-J	1	51-99
R 3C7C	CP103P103A71	R-CARBON-CHIP	1/10W 5.6K-J	1	51-99
R 330C	CP103P103A71	R-CARBON-CHIP	1/10W 5.6K-J	1	51-99
R 370C	CP103P103A71	R-CARBON-CHIP	1/10W 5.6K-J	1	51-99
R 176	CP103P103A71	R-CARBON-CHIP	1/10W 5.6K-J	1	10-99
R 1C3	CP103P103A81	R-CARBON-CHIP	1/10W 6.8K-J	1	10-99
R 101	CP103P103A81	R-CARBON-CHIP	1/10W 6.8K-J	1	10-99
R 102	CP103P103A81	R-CARBON-CHIP	1/10W 6.8K-J	1	10-99
R 103	CP103P103A81	R-CARBON-CHIP	1/10W 6.8K-J	1	10-99
R 104	CP103P103A81	R-CARBON-CHIP	1/10W 6.8K-J	1	10-99
R 105	CP103P103A81	R-CARBON-CHIP	1/10W 6.8K-J	1	10-99
R 106	CP103P103A81	R-CARBON-CHIP	1/10W 6.8K-J	1	10-99
R 307C	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-50
R 347C	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-50
R 387C	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-50
R 307C	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	51-99
R 347C	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	51-99
R 387C	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	51-99
R 1A0	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1A1	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1A2	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1A3	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1A4	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1A5	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1A6	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1A8	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1B8	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1B9	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1C0	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1C4	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1C5	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1C6	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1D2	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1J0	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1K6	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1K7	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1M3	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1M7	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1M8	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1M9	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1N0	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99

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SYMBOL

NO.

PART NO.

DESCRIPTION / SPECIFICATION

QTY

LOT NO.

R 1N1	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1N2	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1N3	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1P0	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1P1	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1Q5	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	20-99
R 124	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	20-99
R 125	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	20-99
R 126	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 127	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 128	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 129	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 130	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 131	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 132	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 133	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 134	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 137	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 138	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 139	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 140	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 141	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 144	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 145	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 148	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 149	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 150	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 151	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 152	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 153	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 154	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 155	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	20-99
R 171	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 198	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 199	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1Q7	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-99
R 1Q8	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	10-19
R 1Q9	CP103P104A01	R-CARBON-CHIP	1/10W 10K-J	1	20-99
R 1B3	CP103P104A11	R-CARBON-CHIP	1/10W 12K-J	1	10-99
R 1B3	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 1B4	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 1J1	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 1M6	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 1N4	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 1O7	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 1O8	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 1O9	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 110	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 111	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 112	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 113	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99
R 114	CP103P104A21	R-CARBON-CHIP	1/10W 15K-J	1	10-99

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
R 115	CP103P104A21	R-CARBON-CHIP 1/10W 15K-J	1	10-99
R 116	CP103P104A21	R-CARBON-CHIP 1/10W 15K-J	1	10-99
R 173	CP103P104A21	R-CARBON-CHIP 1/10W 15K-J	1	10-99
R 174	CP103P104A21	R-CARBON-CHIP 1/10W 15K-J	1	10-99
R 3A7C	CP103P104A31	R-CARBON-CHIP 1/10W 18K-J	1	10-50
R 3F5C	CP103P104A31	R-CARBON-CHIP 1/10W 18K-J	1	10-50
R 327C	CP103P104A31	R-CARBON-CHIP 1/10W 18K-J	1	10-50
R 367C	CP103P104A31	R-CARBON-CHIP 1/10W 18K-J	1	10-50
R 3A7C	CP103P104A31	R-CARBON-CHIP 1/10W 18K-J	1	51-99
R 3F5C	CP103P104A31	R-CARBON-CHIP 1/10W 18K-J	1	51-99
R 327C	CP103P104A31	R-CARBON-CHIP 1/10W 18K-J	1	51-99
R 367C	CP103P104A31	R-CARBON-CHIP 1/10W 18K-J	1	51-99
R 1A7	CP103P104A31	R-CARBON-CHIP 1/10W 18K-J	1	10-19
R 1N5	CP103P104A41	R-CARBON-CHIP 1/10W 22K-J	1	10-99
R 177	CP103P104A41	R-CARBON-CHIP 1/10W 22K-J	1	10-99
R 185	CP103P104A41	R-CARBON-CHIP 1/10W 22K-J	1	10-99
R 3C6C	CP103P104A51	R-CARBON-CHIP 1/10W 27K-J	1	10-50
R 3C6C	CP103P104A51	R-CARBON-CHIP 1/10W 27K-J	1	51-99
R 178	CP103P104A51	R-CARBON-CHIP 1/10W 27K-J	1	10-99
R 3C5C	CP103P104A61	R-CARBON-CHIP 1/10W 33K-J	1	10-50
R 3C5C	CP103P104A61	R-CARBON-CHIP 1/10W 33K-J	1	51-99
R 1B2	CP103P104A61	R-CARBON-CHIP 1/10W 33K-J	1	10-99
R 1J6	CP103P104A61	R-CARBON-CHIP 1/10W 33K-J	1	10-99
R 1Q0	CP103P104A61	R-CARBON-CHIP 1/10W 33K-J	1	10-99
R 3F4C	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-50
R 3F4C	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	51-99
R 1B1	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1C1	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1Q1	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 143	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 197	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1V1	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1V2	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1V3	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1V4	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1W4	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1X7	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1X8	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1X9	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1Y1	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1Y2	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1Y3	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1Y4	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1Y5	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 1Y6	CP103P104A81	R-CARBON-CHIP 1/10W 47K-J	1	10-99
R 3B3C	CP103P105A21	R-CARBON-CHIP 1/10W 100K-J	1	10-50
R 3DOC	CP103P105A21	R-CARBON-CHIP 1/10W 100K-J	1	10-50
R 3F6C	CP103P105A21	R-CARBON-CHIP 1/10W 100K-J	1	10-50
R 333C	CP103P105A21	R-CARBON-CHIP 1/10W 100K-J	1	10-50
R 373C	CP103P105A21	R-CARBON-CHIP 1/10W 100K-J	1	10-50
R 3B3C	CP103P105A21	R-CARBON-CHIP 1/10W 100K-J	1	51-99
R 3DOC	CP103P105A21	R-CARBON-CHIP 1/10W 100K-J	1	51-99

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SYMBOL

NO.

PART NO.

DESCRIPTION / SPECIFICATION

QTY

LOT NO.

R 3F6C	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	51-99
R 333C	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	51-99
R 373C	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	51-99
R 1A9	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	10-99
R 1B0	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	10-99
R 1B5	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	10-99
R 1B6	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	10-99
R 1B7	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	10-99
R 1C2	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	10-99
R 136	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	10-99
R 195	CP103P105A21	R-CARBON-CHIP	1/10W 100K-J	1	20-99
R 1J2	CP103P106A11	R-CARBON-CHIP	1/10W 560K-J	1	10-99
R 1P7	CP103P106A11	R-CARBON-CHIP	1/10W 560K-J	1	10-99
R 3F1C	CP103P106A31	R-METAL-CHIP	1/10W 820K-J	1	10-50
R 3F1C	CP103P106A31	R-METAL-CHIP	1/10W 820K-J	1	51-99
R 1P6	CP103P106A41	R-CARBON-CHIP	1/10W 1.0M-J	1	10-99
R 1X6	CP103P106A41	R-CARBON-CHIP	1/10W 1.0M-J	1	10-99
L 306C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	10-50
L 308C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	10-19
L 346C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	10-50
L 348C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	10-19
L 386C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	10-50
L 388C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	10-19
R 3E9C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	10-50
L 306C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	51-99
L 346C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	51-99
L 386C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	51-99
R 3E9C	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	51-99
R 201	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 202	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 203	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 204	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 205	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 206	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 207	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 209	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 211	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 212	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 213	CP103P107A21	R-CARBON-CHIP	1/10W 0 JUMPER	1	20-99
R 317C	CP103P111A61	R-CARBON-CHIP	1/10W 100-F	1	10-50
R 357C	CP103P111A61	R-CARBON-CHIP	1/10W 100-F	1	10-50
R 397C	CP103P111A61	R-CARBON-CHIP	1/10W 100-F	1	10-50
R 317C	CP103P111A61	R-CARBON-CHIP	1/10W 100-F	1	51-99
R 357C	CP103P111A61	R-CARBON-CHIP	1/10W 100-F	1	51-99
R 397C	CP103P111A61	R-CARBON-CHIP	1/10W 100-F	1	51-99
R 316C	CP103P111A71	R-CARBON-CHIP	1/10W 120-F	1	10-50
R 356C	CP103P111A71	R-CARBON-CHIP	1/10W 120-F	1	10-50
R 396C	CP103P111A71	R-CARBON-CHIP	1/10W 120-F	1	10-50
R 316C	CP103P111A71	R-CARBON-CHIP	1/10W 120-F	1	51-99
R 356C	CP103P111A71	R-CARBON-CHIP	1/10W 120-F	1	51-99
R 396C	CP103P111A71	R-CARBON-CHIP	1/10W 120-F	1	51-99
R 3A2C	CP103P112A81	R-CARBON-CHIP	1/10W 1.0K-F	1	10-19

SYMBOL	NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
	R 322C	CP103P112A81	R-CARBON-CHIP 1/10W 1.0K-F	1	10-19
	R 362C	CP103P112A81	R-CARBON-CHIP 1/10W 1.0K-F	1	10-19
	R 1G6	CP103P112A81	R-CARBON-CHIP 1/10W 1.0K-F	1	20-99
	R 1L5	CP103P112A81	R-CARBON-CHIP 1/10W 1.0K-F	1	10-99
	R 170	CP103P112A81	R-CARBON-CHIP 1/10W 1.0K-F	1	10-99
	R 3A2C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	20-50
	R 322C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	20-50
	R 362C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	20-50
	C 312C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	20-50
	C 352C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	20-50
	C 392C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	20-50
	R 3A2C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	51-99
	R 322C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	51-99
	R 362C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	51-99
	C 312C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	51-99
	C 352C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	51-99
	C 392C	CP103P113A21	R-CARBON-CHIP 1/10W 2.2K-F	1	51-99
	R 3C2C	CP103P113A31	R-CARBON-CHIP 1/10W 2.7K-F	1	10-50
	R 3C2C	CP103P113A31	R-CARBON-CHIP 1/10W 2.7K-F	1	51-99
	R 1K8	CP103P113A41	R-CARBON-CHIP 1/10W 3.3K-F	1	10-99
	R 1C7	CP103P113A61	R-CARBON-CHIP 1/10W 4.7K-F	1	10-99
	R 1C9	CP103P113A61	R-CARBON-CHIP 1/10W 4.7K-F	1	10-99
	R 1H2	CP103P113A61	R-CARBON-CHIP 1/10W 4.7K-F	1	10-99
	R 1H5	CP103P113A61	R-CARBON-CHIP 1/10W 4.7K-F	1	10-99
	R 1H7	CP103P113A61	R-CARBON-CHIP 1/10W 4.7K-F	1	10-99
	R 1K9	CP103P113A61	R-CARBON-CHIP 1/10W 4.7K-F	1	10-99
	R 172	CP103P113A61	R-CARBON-CHIP 1/10W 4.7K-F	1	10-99
	R 190	CP103P113A91	R-CARBON-CHIP 1/10W 8.2KF	1	10-99
	R 3A0C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-50
	R 318C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-50
	R 319C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-50
	R 320C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-50
	R 358C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-50
	R 359C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-50
	R 360C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-50
	R 398C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-50
	R 399C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-50
	R 3A0C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	51-99
	R 318C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	51-99
	R 319C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	51-99
	R 320C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	51-99
	R 358C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	51-99
	R 359C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	51-99
	R 360C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	51-99
	R 398C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	51-99
	R 399C	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	51-99
	R 119	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	20-99
	R 185	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-99
	R 182	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-99
	R 186	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-99
	R 188	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-99
	R 189	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-99

SYMBOL NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
R 191	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-99
R 192	CP103P114A01	R-CARBON-CHIP 1/10W 10K-F	1	10-99
R 1H1	CP103P114A11	R-CARBON-CHIP 1/10W 12K-F	1	10-99
R 1H4	CP103P114A11	R-CARBON-CHIP 1/10W 12K-F	1	10-99
R 1H8	CP103P114A11	R-CARBON-CHIP 1/10W 12K-F	1	10-99
R 156	CP103P114A11	R-CARBON-CHIP 1/10W 12K-F	1	10-99
R 3C1C	CP103P114A21	R-CARBON-CHIP 1/10W 15K-F	1	51-99
R 3D1C	CP103P114A31	R-CARBON-CHIP 1/10W 18K-F	1	10-50
R 3D1C	CP103P114A31	R-CARBON-CHIP 1/10W 18K-F	1	51-99
R 1L0	CP103P114A41	R-CARBON-CHIP 1/10W 22K-F	1	10-99
R 1P5	CP103P114A41	R-CARBON-CHIP 1/10W 22K-F	1	10-99
R 3D3C	CP103P114A51	R-CARBON-CHIP 1/10W 27K-F	1	10-50
R 3D3C	CP103P114A51	R-CARBON-CHIP 1/10W 27K-F	1	51-99
R 1L3	CP103P114A51	R-CARBON-CHIP 1/10W 27K-F	1	10-99
R 1P4	CP103P114A51	R-CARBON-CHIP 1/10W 27K-F	1	10-99
R 1P2	CP103P114A61	R-CARBON-CHIP 1/10W 33K-F	1	10-99
R 1L2	CP103P114A81	R-CARBON-CHIP 1/10W 47K-F	1	10-99
R 1M5	CP103P114A81	R-CARBON-CHIP 1/10W 47K-F	1	10-99
R 3D5C	CP103P114A91	R-CARBON-CHIP 1/10W 56K-F	1	10-50
R 3D5C	CP103P114A91	R-CARBON-CHIP 1/10W 56K-F	1	51-99
R 166	CP103P114A91	R-CARBON-CHIP 1/10W 56K-F	1	10-99
R 1L4	CP103P115A01	R-CARBON-CHIP 1/10W 68K-F	1	10-99
R 1L1	CP103P115A11	R-CARBON-CHIP 1/10W 82K-F	1	10-99
R 187	CP103P115A11	R-CARBON-CHIP 1/10W 82K-F	1	10-99
R 1L7	CP103P115A21	R-CARBON-CHIP 1/10W 100K-F	1	10-99
R 1L6	CP103P116A21	R-CARBON-CHIP 1/10W 680K-F	1	10-99
R 142	CP103P116A41	R-CARBON-CHIP 1/10W 1.0M-F	1	10-99
R 3L1C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	10-50
R 3L2C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	10-50
R 3L4C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	10-50
R 3L5C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	10-50
R 301C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	10-50
R 302C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	10-50
R 341C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	10-50
R 342C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	10-50
R 381C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	10-50
R 382C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	10-50
R 3L1C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	51-99
R 3L2C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	51-99
R 3L4C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	51-99
R 3L5C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	51-99
R 301C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	51-99
R 302C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	51-99
R 341C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	51-99
R 342C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	51-99
R 381C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	51-99
R 382C	CP103P142A91	R-METAL-CHIP 1/8W 150-F	1	51-99
R 163	CP103P148A61	R-METAL-CHIP 1/8W 36K-F	1	10-99
R 3B7C	CP103P149A11	R-METAL-CHIP 1/8W 56K-F 3.2X1.6	1	10-50
R 337C	CP103P149A11	R-METAL-CHIP 1/8W 56K-F 3.2X1.6	1	10-50
R 377C	CP103P149A11	R-METAL-CHIP 1/8W 56K-F 3.2X1.6	1	10-50
R 3B7C	CP103P149A11	R-METAL-CHIP 1/8W 56K-F 3.2X1.6	1	51-99

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
R 337C	CP103P149A11	R-METAL-CHIP 1/8W 56K-F 3.2X1.6	1	51-99
R 377C	CP103P149A11	R-METAL-CHIP 1/8W 56K-F 3.2X1.6	1	51-99
R 388C	CP103P510A81	R-METAL-CHIP 1/8W 22-J 3.2X1.6	1	10-50
R 338C	CP103P510A81	R-METAL-CHIP 1/8W 22-J 3.2X1.6	1	10-50
R 378C	CP103P510A81	R-METAL-CHIP 1/8W 22-J 3.2X1.6	1	10-50
R 388C	CP103P510A81	R-METAL-CHIP 1/8W 22-J 3.2X1.6	1	51-99
R 338C	CP103P510A81	R-METAL-CHIP 1/8W 22-J 3.2X1.6	1	51-99
R 378C	CP103P510A81	R-METAL-CHIP 1/8W 22-J 3.2X1.6	1	51-99
R 3L3C	CP103P512A81	R-METAL-CHIP 1/8W 1.0K-J 3.2X1.6	1	10-50
R 3L6C	CP103P512A81	R-METAL-CHIP 1/8W 1.0K-J 3.2X1.6	1	10-50
R 3L3C	CP103P512A81	R-METAL-CHIP 1/8W 1.0K-J 3.2X1.6	1	51-99
R 3L6C	CP103P512A81	R-METAL-CHIP 1/8W 1.0K-J 3.2X1.6	1	51-99
R 3L9C	CP103P513A21	R-METAL-CHIP 1/8W 2.2K-J 3.2X1.6	1	10-50
R 3L9C	CP103P513A21	R-METAL-CHIP 1/8W 2.2K-J 3.2X1.6	1	51-99
R 3G3C	CP103P514A51	R-METAL-CHIP 1/8W 27K-J 3.2X1.6	1	10-50
R 3G3C	CP103P514A51	R-METAL-CHIP 1/8W 27K-J 3.2X1.6	1	51-99
R 3A4C	CP103P514A81	R-METAL-CHIP 1/8W 47K-J 3.2X1.6	1	10-50
R 324C	CP103P514A81	R-METAL-CHIP 1/8W 47K-J 3.2X1.6	1	10-50
R 364C	CP103P514A81	R-METAL-CHIP 1/8W 47K-J 3.2X1.6	1	10-50
R 3A4C	CP103P514A81	R-METAL-CHIP 1/8W 47K-J 3.2X1.6	1	51-99
R 324C	CP103P514A81	R-METAL-CHIP 1/8W 47K-J 3.2X1.6	1	51-99
R 364C	CP103P514A81	R-METAL-CHIP 1/8W 47K-J 3.2X1.6	1	51-99
R 3G2C	CP103P515A01	R-METAL-CHIP 1/8W 68K-J 3.2X1.6	1	10-50
R 3G2C	CP103P515A01	R-METAL-CHIP 1/8W 68K-J 3.2X1.6	1	51-99
R 3A8C	CP103P515A21	R-METAL-CHIP 1/8W 100K-J 3.2X1.6	1	10-50
R 328C	CP103P515A21	R-METAL-CHIP 1/8W 100K-J 3.2X1.6	1	10-50
R 368C	CP103P515A21	R-METAL-CHIP 1/8W 100K-J 3.2X1.6	1	10-50
R 3A8C	CP103P515A21	R-METAL-CHIP 1/8W 100K-J 3.2X1.6	1	51-99
R 328C	CP103P515A21	R-METAL-CHIP 1/8W 100K-J 3.2X1.6	1	51-99
R 368C	CP103P515A21	R-METAL-CHIP 1/8W 100K-J 3.2X1.6	1	51-99
R 3B5C	CP103P515A61	R-METAL-CHIP 1/8W 220K-J	1	10-50
R 335C	CP103P515A61	R-METAL-CHIP 1/8W 220K-J	1	10-50
R 375C	CP103P515A61	R-METAL-CHIP 1/8W 220K-J	1	10-50
R 385C	CP103P515A61	R-METAL-CHIP 1/8W 220K-J	1	51-99
R 335C	CP103P515A61	R-METAL-CHIP 1/8W 220K-J	1	51-99
R 375C	CP103P515A61	R-METAL-CHIP 1/8W 220K-J	1	51-99
L 3C4C	CP103P516A51	R-METAL-CHIP 1/8W 0 JUMPER 3.2X1.6	1	10-50
L 3C5C	CP103P516A51	R-METAL-CHIP 1/8W 0 JUMPER 3.2X1.6	1	10-50
L 3D8	CP103P516A51	R-METAL-CHIP 1/8W 0 JUMPER 3.2X1.6	1	10-50
L 3C4C	CP103P516A51	R-METAL-CHIP 1/8W 0 JUMPER 3.2X1.6	1	51-99
L 3C5C	CP103P516A51	R-METAL-CHIP 1/8W 0 JUMPER 3.2X1.6	1	51-99
L 3D8	CP103P516A51	R-METAL-CHIP 1/8W 0 JUMPER 3.2X1.6	1	51-99
R 918	CP109P020A40	R-FUSE 3W 18-J	1	10-99
VR106	CP127C021A70	VR-SEMIFIXED 1/5W B-3K	1	10-19
VR101	CP127C021A90	VR-SEMIFIXED 1/5W B-10K	1	10-99
VR106	CP127C021A90	VR-SEMIFIXED 1/5W B-10K	1	20-99
C 1A0	CP141P510A91	C-CERAMIC-CHIP B 50V 102-K 2.0X1.25	1	10-99
C 1A1	CP141P510A91	C-CERAMIC-CHIP B 50V 102-K 2.0X1.25	1	10-99
C 1A4	CP141P510A91	C-CERAMIC-CHIP B 50V 102-K 2.0X1.25	1	10-99
C 1A5	CP141P510A91	C-CERAMIC-CHIP B 50V 102-K 2.0X1.25	1	10-99
C 101	CP141P510A91	C-CERAMIC-CHIP B 50V 102-K 2.0X1.25	1	10-99
C 107	CP141P510A91	C-CERAMIC-CHIP B 50V 102-K 2.0X1.25	1	10-99

[illegible]

SYMBOL

[illegible]

SYMBOL	NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.	
C 303C	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	51-99
C 305C	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	51-99
C 3A9C	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	51-99
C 3H4C	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	51-99
C 329C	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	51-99
C 369C	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	51-99
C 180	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 124	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 133	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 188	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 190	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1V1	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1V2	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1V3	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1W1	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1W3	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1X1	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1X2	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1X3	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1X8	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1X9	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1Y3	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1Y4	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1Y6	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1Y8	CP141P512A11	C-CERAMIC-CHIP	B 50V 103-K	2.OX1.25	1	10-99
C 1A2	CP141P514A61	C-CERAMIC-CHIP	B 50V 473-K	2.OX1.25	1	10-99
C 1A3	CP141P514A61	C-CERAMIC-CHIP	B 50V 473-K	2.OX1.25	1	10-99
C 1A6	CP141P514A61	C-CERAMIC-CHIP	B 50V 473-K	2.OX1.25	1	10-99
C 1A7	CP141P514A61	C-CERAMIC-CHIP	B 50V 473-K	2.OX1.25	1	10-99
C 1A8	CP141P514A61	C-CERAMIC-CHIP	B 50V 473-K	2.OX1.25	1	10-99
C 1A4	CP141P514A61	C-CERAMIC-CHIP	B 50V 473-K	2.OX1.25	1	20-99
C 307C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-50
C 313C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-50
C 347C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-50
C 353C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-50
C 387C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-50
C 393C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-50
C 307C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	51-99
C 313C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	51-99
C 347C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	51-99
C 353C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	51-99
C 387C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	51-99
C 393C	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	51-99
C 116	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-99
C 117	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-99
C 118	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-99
C 138	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-99
C 152	CP141P515A01	C-CERAMIC-CHIP	B 25V 104-K	2.OX1.25	1	10-99
C 955	CP155P010A50	C-CERAMIC	B1KV 470P-K	2.OX1.25	1	10-99
C 3P2	CP155P010A71	C-CERAMIC	B1KV 1000P-K	2.OX1.25	1	10-99
C 522	CP155P011A31	C-CERAMIC	B2KV 100P-K	2.OX1.25	1	10-99
C 31Q	CP155P012A21	C-CERAMIC	B2KV 3300P-K	2.OX1.25	1	10-99

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SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
C 659	CP155P016A00	C-CERAMIC F2KV 10000P-F	1	10-99
C 652	CP155P025A51	C-CERAMIC R2KV 470P-K	1	10-99
C 515	CP155P030B71	C-CERAMIC R250V 10000P-K	1	10-99
C 608	CP155P030B71	C-CERAMIC R250V 10000P-K	1	10-99
C 3A4C	CP155P432A71	C-CERAMIC-CHIP CH100V 120P-J	1	10-50
C 324C	CP155P432A71	C-CERAMIC-CHIP CH100V 120P-J	1	10-50
C 364C	CP155P432A71	C-CERAMIC-CHIP CH100V 120P-J	1	10-50
C 3A4C	CP155P432A71	C-CERAMIC-CHIP CH100V 120P-J	1	51-99
C 324C	CP155P432A71	C-CERAMIC-CHIP CH100V 120P-J	1	51-99
C 364C	CP155P432A71	C-CERAMIC-CHIP CH100V 120P-J	1	51-99
C 3C7C	CP155P437A61	C-CERAMIC-CHIP W5R100V 4700P-K	1	10-50
C 3E8C	CP155P437A61	C-CERAMIC-CHIP W5R100V 4700P-K	1	10-50
C 3C7C	CP155P437A61	C-CERAMIC-CHIP W5R100V 4700P-K	1	51-99
C 3E8C	CP155P437A61	C-CERAMIC-CHIP W5R100V 4700P-K	1	51-99
C 3A8C	CP155P446A01	C-CERAMIC-CHIP W5R 200V 220P-K	1	10-50
C 328C	CP155P446A01	C-CERAMIC-CHIP W5R 200V 220P-K	1	10-50
C 368C	CP155P446A01	C-CERAMIC-CHIP W5R 200V 220P-K	1	10-50
C 3A8C	CP155P446A01	C-CERAMIC-CHIP W5R 200V 220P-K	1	51-99
C 328C	CP155P446A01	C-CERAMIC-CHIP W5R 200V 220P-K	1	51-99
C 368C	CP155P446A01	C-CERAMIC-CHIP W5R 200V 220P-K	1	51-99
C 3B0C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	10-50
C 3B3C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	10-50
C 3F8C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	10-50
C 3G7C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	10-50
C 330C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	10-50
C 333C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	10-50
C 370C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	10-50
C 373C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	10-50
C 3B0C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	51-99
C 3B3C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	51-99
C 3F8C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	51-99
C 3G7C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	51-99
C 330C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	51-99
C 333C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	51-99
C 370C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	51-99
C 373C	CP155P447A61	C-CERAMIC-CHIP W5R200V 4700P-K	1	51-99
C 3B1C	CP155P448A01	C-CERAMIC-CHIP W5R 200V 10000P-K	1	10-50
C 331C	CP155P448A01	C-CERAMIC-CHIP W5R 200V 10000P-K	1	10-50
C 371C	CP155P448A01	C-CERAMIC-CHIP W5R 200V 10000P-K	1	10-50
C 3B1C	CP155P448A01	C-CERAMIC-CHIP W5R 200V 10000P-K	1	51-99
C 331C	CP155P448A01	C-CERAMIC-CHIP W5R 200V 10000P-K	1	51-99
C 371C	CP155P448A01	C-CERAMIC-CHIP W5R 200V 10000P-K	1	51-99
C 316C	CP155P531A11	C-CERAMIC-CHIP SL 50V 8.0P-C	1	20-50
C 356C	CP155P531A11	C-CERAMIC-CHIP SL 50V 8.0P-C	1	20-50
C 396C	CP155P531A11	C-CERAMIC-CHIP SL 50V 8.0P-C	1	20-50
C 316C	CP155P531A11	C-CERAMIC-CHIP SL 50V 8.0P-C	1	51-99
C 356C	CP155P531A11	C-CERAMIC-CHIP SL 50V 8.0P-C	1	51-99
C 396C	CP155P531A11	C-CERAMIC-CHIP SL 50V 8.0P-C	1	51-99
C 316C	CP155P531A61	C-CERAMIC-CHIP SL 50V 18P-J 2.0X1.25	1	10-19
C 356C	CP155P531A61	C-CERAMIC-CHIP SL 50V 18P-J 2.0X1.25	1	10-19
C 396C	CP155P531A61	C-CERAMIC-CHIP SL 50V 18P-J 2.0X1.25	1	10-19
C 317C	CP155P531A81	C-CERAMIC-CHIP SL 50V 27P-J	1	10-19

SYMBOL NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
C 357C	CP155P531A81	C-CERAMIC-CHIP SL 50V 27P-J	1	10-19
C 397C	CP155P531A81	C-CERAMIC-CHIP SL 50V 27P-J	1	10-19
C 317C	CP155P531A91	C-CERAMIC-CHIP SL 50V 33P-J 2.OX1.25	1	20-50
C 357C	CP155P531A91	C-CERAMIC-CHIP SL 50V 33P-J 2.OX1.25	1	20-50
C 317C	CP155P531A91	C-CERAMIC-CHIP SL 50V 33P-J 2.OX1.25	1	51-99
C 357C	CP155P531A91	C-CERAMIC-CHIP SL 50V 33P-J 2.OX1.25	1	51-99
C 308C	CP155P532A01	C-CERMIC-CHIP SL 50V 39P-J 2.OX1.25	1	10-50
C 348C	CP155P532A01	C-CERMIC-CHIP SL 50V 39P-J 2.OX1.25	1	10-50
C 388C	CP155P532A01	C-CERMIC-CHIP SL 50V 39P-J 2.OX1.25	1	10-50
C 397C	CP155P532A01	C-CERMIC-CHIP SL 50V 39P-J 2.OX1.25	1	20-50
C 308C	CP155P532A01	C-CERMIC-CHIP SL 50V 39P-J 2.OX1.25	1	51-99
C 348C	CP155P532A01	C-CERMIC-CHIP SL 50V 39P-J 2.OX1.25	1	51-99
C 388C	CP155P532A01	C-CERMIC-CHIP SL 50V 39P-J 2.OX1.25	1	51-99
C 397C	CP155P532A01	C-CERMIC-CHIP SL 50V 39P-J 2.OX1.25	1	51-99
C 3D6C	CP155P532A31	C-CERAMIC-CHIP SL 50V 68P-J	1	10-50
C 3D6C	CP155P532A31	C-CERAMIC-CHIP SL 50V 68P-J	1	51-99
C 3D7C	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-50
C 3D7C	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	51-99
C 134	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 1V4	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 1V5	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 1V6	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 1V7	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 1V8	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 1W9	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 1X4	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 1X5	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 1X6	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 1X7	CP155P532A51	C-CERAMIC-CHIP SL 50V 100P-J 2.OX1.25	1	10-99
C 3E3C	CP155P532A91	C-CERAMIC-CHIP SL 50V 220P-J 2.OX1.25	1	10-50
C 3E4C	CP155P532A91	C-CERAMIC-CHIP SL 50V 220P-J 2.OX1.25	1	10-50
C 3E3C	CP155P532A91	C-CERAMIC-CHIP SL 50V 220P-J 2.OX1.25	1	51-99
C 3E4C	CP155P532A91	C-CERAMIC-CHIP SL 50V 220P-J 2.OX1.25	1	51-99
C 3A5C	CP155P533A61	C-CERAMIC-CHIP SL50V 820P-J 2.OX1.25	1	10-50
C 325C	CP155P533A61	C-CERAMIC-CHIP SL50V 820P-J 2.OX1.25	1	10-50
C 365C	CP155P533A61	C-CERAMIC-CHIP SL50V 820P-J 2.OX1.25	1	10-50
C 3A5C	CP155P533A61	C-CERAMIC-CHIP SL50V 820P-J 2.OX1.25	1	51-99
C 325C	CP155P533A61	C-CERAMIC-CHIP SL50V 820P-J 2.OX1.25	1	51-99
C 365C	CP155P533A61	C-CERAMIC-CHIP SL50V 820P-J 2.OX1.25	1	51-99
C 3E7C	CP155P533A71	C-CERAMIC-CHIP SL 50V 1000P-J 2.OX1.25	1	10-50
C 3E7C	CP155P533A71	C-CERAMIC-CHIP SL 50V 1000P-J 2.OX1.25	1	51-99
C 1Y1	CP155P542A51	C-CERAMIC-CHIP CH 50V 100P-J 2.OX1.25	1	10-99
C 1Y2	CP155P542A51	C-CERAMIC-CHIP CH 50V 100P-J 2.OX1.25	1	10-99
C 128	CP155P542A61	C-CERAMIC-CHIP CH 50V 120P-J	1	10-99
C 3E0C	CP155P542A71	C-CERAMIC-CHIP CH50V 150P-J 2.OX1.2	1	10-50
C 3E0C	CP155P542A71	C-CERAMIC-CHIP CH50V 150P-J 2.OX1.2	1	51-99
C 153	CP155P543A51	C-CERAMIC-CHIP CH50V 680P-J 3.2X1.6	1	10-99
C 154	CP155P543A51	C-CERAMIC-CHIP CH50V 680P-J 3.2X1.6	1	10-99
C 109	CP155P548A41	C-CERAMIC-CHIP CH 50V 30P-J 2.OX1.25	1	10-99
C 110	CP155P548A41	C-CERAMIC-CHIP CH 50V 30P-J 2.OX1.25	1	10-99
C 132	CP172P005A11	C-PLASTIC-PP 50V 1000P-G	1	10-99
	GP172P031A50	G-PLASTIC-PP 1.8KV 0.0015M-J (DH)	1	10-99

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
C 592	CP172P031A50	C-PLASTIC-PP 1.8KV 0.0015M-J (DH)	1	10-99
	CP172P031A50	C-PLASTIC-PP 1.8KV 0.0015M-J (DH)	1	10-99
C 593	CP172P031A50	C-PLASTIC-PP 1.8KV 0.0015M-J (DH)	1	10-99
	CP172P041A20	C-M-PLASTIC-PP 1600V 3000P-J 302 S8 (DH)	1	10-99
C 914	CP172P070A80	C-M-P DC 630V 0.047M-J	1	10-99
C 921	CP172P070A80	C-M-P DC 630V 0.047M-J	1	10-99
C 552	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	20-99
C 534	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	20-99
C 938	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	10-99
C 939	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	10-99
C 941	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	10-99
C 943	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	10-99
C 945	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	10-99
C 946	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	10-99
C 948	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	10-99
C 949	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	10-99
C 953	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	10-99
C 959	CP172P130A71	C-POLYESTER 50V 0.01M-K-OR-J 103 S8	1	10-99
C 105	CP172P131A01	C-POLYESTER 50V 0.033M-K-OR-J 333 S8	1	10-99
C 917	CP172P131A11	C-POLYESTER 50V 0.047M-K-OR-J 473 S8	1	10-99
C 639	CP172P134A21	C-POLYESTER 50V 0.068M-K-OR-J 683 S8	1	10-99
C 309	CP172P134A31	C-POLYESTER 50V 0.1M-K-OR-J 104 S8	1	10-50
C 349	CP172P134A31	C-POLYESTER 50V 0.1M-K-OR-J 104 S8	1	10-50
C 389	CP172P134A31	C-POLYESTER 50V 0.1M-K-OR-J 104 S8	1	10-50
C 309	CP172P134A31	C-POLYESTER 50V 0.1M-K-OR-J 104 S8	1	51-99
C 349	CP172P134A31	C-POLYESTER 50V 0.1M-K-OR-J 104 S8	1	51-99
C 389	CP172P134A31	C-POLYESTER 50V 0.1M-K-OR-J 104 S8	1	51-99
C 120	CP172P134A31	C-POLYESTER 50V 0.1M-K-OR-J 104 S8	1	10-99
C 139	CP172P134A81	C-POLYESTER 50V 680P-J 681 S8	1	10-99
C 528	CP172P135A61	C-POLYESTER 50V 8200P-K-OR-J 822 S8	1	10-99
C 919	CP172P135A71	C-POLYESTER 50V 0.012M-K-OR-J 123 S8	1	10-99
C 411	CP172P136A11	C-POLYESTER 50V 0.056M-K-OR-J 563 S8	1	10-99
C 127	CP172P137A31	C-POLYESTER 102 S8	1	10-99
C 183	CP172P137A31	C-POLYESTER 102 S8	1	10-99
C 185	CP172P137A31	C-POLYESTER 102 S8	1	10-99
C 140	CP172P137A41	C-POLYESTER 50V 1200P-J 122 S8	1	10-99
C 655	CP172P137A51	C-POLYESTER 50V 1500P-J 152 S8	1	10-19
C 141	CP172P137A51	C-POLYESTER 50V 1500P-J 152 S8	1	10-99
C 656	CP172P137A71	C-POLYESTER 222 S8	1	10-99
C 112	CP172P138A11	C-POLYESTER 50V 4700P-J 472 S8	1	10-99
C 406	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-99
C 407	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-99
C 452	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-99
C 453	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-99
C 501	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-99
C 506	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-99
C 507	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-99
C 508	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-99
C 509	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-99
C 520	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-99
C 551	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-19
C 553	CP172P138A51	C-POLYESTER 50V 0.01M-J 103 S8	1	10-19

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.	
C 554	CP172P138A51	C-POLYESTER 50V 0.01M-J	103 SØ	1	10-99
C 555	CP172P138A51	C-POLYESTER 50V 0.01M-J	103 SØ	1	10-99
C 556	CP172P138A51	C-POLYESTER 50V 0.01M-J	103 SØ	1	10-19
C 558	CP172P138A51	C-POLYESTER 50V 0.01M-J	103 SØ	1	10-99
C 601	CP172P138A51	C-POLYESTER 50V 0.01M-J	103 SØ	1	10-99
C 654	CP172P138A51	C-POLYESTER 50V 0.01M-J	103 SØ	1	10-99
C 657	CP172P138A51	C-POLYESTER 50V 0.01M-J	103 SØ	1	10-99
C 119	CP172P138A51	C-POLYESTER 50V 0.01M-J	103 SØ	1	10-99
C 130	CP172P138A51	C-POLYESTER 50V 0.01M-J	103 SØ	1	10-99
C 184	CP172P138A71	C-POLYESTER 50V 0.015M-J	153 SØ	1	10-99
C 178	CP172P138A91	C-POLYESTER	223 SØ	1	10-99
C 182	CP172P139A31	C-POLYESTER 50V 0.047M-J	473 SØ	1	10-99
C 196	CP172P139A41	C-POLYESTER 50V 0.056M-J	563 SØ	1	10-99
C 198	CP172P139A61	C-POLYESTER 50V 0.068M-J	683 SØ	1	10-99
C 125	CP172P162A11	C-POLYESTER 50V 0.47M-J	474 LØ	1	10-99
C 604	CP172P166A31	C-POLYESTER 50V 0.1M-M		1	10-99
C 612	CP172P166A51	C-POLYESTER	154 SØ	1	10-99
C 620	CP172P167A21	C-POLYESTER 50V 0.56M-J FORMING	564 SØ	1	10-99
C 519	CP172P191A30	C-PLASTIC-PP 100V 0.01M-J		1	10-99
C 3E1C	CP172P254A41	C-MF-CHIP ECHU 1H103 J		1	10-50
C 3E1C	CP172P254A41	C-MF-CHIP ECHU 1H103 J		1	51-99
C 524	CP181P030A21	C-ELECTROLYTIC 04W 25V 10M-M		1	10-99
C 602	CP181P030A21	C-ELECTROLYTIC 04W 25V 10M-M		1	10-99
C 603	CP181P030A21	C-ELECTROLYTIC 04W 25V 10M-M		1	10-99
C 605	CP181P030A21	C-ELECTROLYTIC 04W 25V 10M-M		1	10-99
C 613	CP181P030A21	C-ELECTROLYTIC 04W 25V 10M-M		1	10-99
C 614	CP181P030A21	C-ELECTROLYTIC 04W 25V 10M-M		1	10-99
C 624	CP181P030A21	C-ELECTROLYTIC 04W 25V 10M-M		1	10-99
C 634	CP181P030A21	C-ELECTROLYTIC 04W 25V 10M-M		1	10-19
C 521	CP181P030A61	C-ELECTROLYTIC 04W 25V 100M-M		1	10-99
C 618	CP181P030A61	C-ELECTROLYTIC 04W 25V 100M-M		1	10-99
C 952	CP181P030A61	C-ELECTROLYTIC 04W 25V 100M-M		1	10-99
C 525	CP181P032A01	C-ELECTROLYTIC 04W 50V 1M-M		1	10-99
C 625	CP181P032A01	C-ELECTROLYTIC 04W 50V 1M-M		1	10-99
C 634	CP181P032A01	C-ELECTROLYTIC 04W 50V 1M-M		1	20-99
C 531	CP181P032A11	C-ELECTROLYTIC 04W 50V 2.2M-M		1	20-99
C 517	CP181P032A81	C-ELECTROLYTIC 04W 50V 100M-M		1	10-99
C 518	CP181P032A81	C-ELECTROLYTIC 04W 50V 100M-M		1	10-99
C 523	CP181P032A81	C-ELECTROLYTIC 04W 50V 100M-M		1	10-99
C 623	CP181P032A81	C-ELECTROLYTIC 04W 50V 100M-M		1	10-99
C 121	CP181P040A11	C-ELECTROLYTIC 04W 25V 4.7M-M		1	10-99
C 175	CP181P040A11	C-ELECTROLYTIC 04W 25V 4.7M-M		1	10-99
C 180	CP181P040A11	C-ELECTROLYTIC 04W 25V 4.7M-M		1	10-99
C 3D4	CP181P040A21	C-ELECTROLYTIC 04W 25V 10M-M		1	10-50
C 3D4	CP181P040A21	C-ELECTROLYTIC 04W 25V 10M-M		1	51-99
C 3C1	CP181P040A51	C-ELE 04W 25V 47M-M		1	10-50
C 3H5	CP181P040A51	C-ELE 04W 25V 47M-M		1	10-50
C 3C1	CP181P040A51	C-ELE 04W 25V 47M-M		1	51-99
C 3H5	CP181P040A51	C-ELE 04W 25V 47M-M		1	51-99
C 104	CP181P040A51	C-ELE 04W 25V 47M-M		1	10-99
C 107	CP181P040A51	C-ELE 04W 25V 47M-M		1	10-99
C 189	CP181P040A51	C-ELE 04W 25V 47M-M		1	10-99

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
C 302	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-50
C 342	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-50
C 382	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-50
C 3F9	CP181P040A61	C-ELE 04W 25V 100M-M	1	20-50
C 302	CP181P040A61	C-ELE 04W 25V 100M-M	1	51-99
C 342	CP181P040A61	C-ELE 04W 25V 100M-M	1	51-99
C 382	CP181P040A61	C-ELE 04W 25V 100M-M	1	51-99
C 3F9	CP181P040A61	C-ELE 04W 25V 100M-M	1	51-99
C 912	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 940	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 942	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 944	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 947	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 950	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 102	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 135	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 136	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 1W2	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 1Y7	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 1Y9	CP181P040A61	C-ELE 04W 25V 100M-M	1	10-99
C 304	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-50
C 344	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-50
C 384	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-50
C 304	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	51-99
C 344	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	51-99
C 384	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	51-99
C 526	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 538	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 539	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 540	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 541	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 552	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-19
C 611	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 615	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 616	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 617	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 637	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 638	CP181P040A71	C-ELECTROLYTIC 04W 25V 220M-M	1	10-99
C 628	CP181P040A80	C-ELECTROLYTIC 04W 25V 330M-M	1	10-99
C 630	CP181P040A80	C-ELECTROLYTIC 04W 25V 330M-M	1	10-99
C 632	CP181P040A80	C-ELECTROLYTIC 04W 25V 330M-M	1	10-99
C 934	CP181P040A90	C-ELECTROLYTIC 04W 25V 470M-M	1	10-99
C 310	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	10-50
C 350	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	10-50
C 390	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	10-50
C 310	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	51-99
C 350	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	51-99
C 390	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	51-99
C 122	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	10-99
C 123	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	10-99
C 129	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	10-99
C 131	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	10-99

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
C 151	CP181P042A01	C-ELECTROLYTIC 04W 50V 1M-M	1	10-99
C 3A2	CP181P042A11	C-ELECTROLYTIC 04W 50V 2.2M-M	1	10-50
C 322	CP181P042A11	C-ELECTROLYTIC 04W 50V 2.2M-M	1	10-50
C 362	CP181P042A11	C-ELECTROLYTIC 04W 50V 2.2M-M	1	10-50
C 3A2	CP181P042A11	C-ELECTROLYTIC 04W 50V 2.2M-M	1	51-99
C 322	CP181P042A11	C-ELECTROLYTIC 04W 50V 2.2M-M	1	51-99
C 362	CP181P042A11	C-ELECTROLYTIC 04W 50V 2.2M-M	1	51-99
C 412	CP181P042A41	C-ELECTROLYTIC 04W 50V 10M-M	1	10-99
C 187	CP181P042A71	C-ELECTROLYTIC 04W 50V 47M-M	1	10-99
C 932	CP181P042A90	C-ELECTROLYTIC 04W 50V 220M-M	1	10-99
C 937	CP181P042A91	C-ELECTROLYTIC 04W 50V 220M-M	1	10-99
C 922	CP181P044A11	C-ELE 04W 100V 10M-M	1	10-99
C 318	CP181P044A21	C-ELECTROLYTIC 04W 100V 22M-M	1	10-50
C 358	CP181P044A21	C-ELECTROLYTIC 04W 100V 22M-M	1	10-50
C 398	CP181P044A21	C-ELECTROLYTIC 04W 100V 22M-M	1	10-50
C 318	CP181P044A21	C-ELECTROLYTIC 04W 100V 22M-M	1	51-99
C 358	CP181P044A21	C-ELECTROLYTIC 04W 100V 22M-M	1	51-99
C 398	CP181P044A21	C-ELECTROLYTIC 04W 100V 22M-M	1	51-99
C 3E5	CP181P045A31	C-ELECTROLYTIC 04W 160V 2.2M-M	1	10-19
C 3E6	CP181P045A31	C-ELECTROLYTIC 04W 160V 2.2M-M	1	10-50
C 319	CP181P045A31	C-ELECTROLYTIC 04W 160V 2.2M-M	1	10-50
C 359	CP181P045A31	C-ELECTROLYTIC 04W 160V 2.2M-M	1	10-50
C 399	CP181P045A31	C-ELECTROLYTIC 04W 160V 2.2M-M	1	10-50
C 3E6	CP181P045A31	C-ELECTROLYTIC 04W 160V 2.2M-M	1	51-99
C 319	CP181P045A31	C-ELECTROLYTIC 04W 160V 2.2M-M	1	51-99
C 359	CP181P045A31	C-ELECTROLYTIC 04W 160V 2.2M-M	1	51-99
C 399	CP181P045A31	C-ELECTROLYTIC 04W 160V 2.2M-M	1	51-99
C 606	CP181P045A90	C-ELECTROLYTIC 04W 160V 47M-M	1	10-99
C 607	CP181P046A90	C-ELECTROLYTIC 04W 200V 10M-M	1	10-99
C 529	CP181P046A90	C-ELECTROLYTIC 04W 200V 10M-M	1	20-99
C 3F7	CP181P047A00	C-ELECTROLYTIC 04W 200V 22M-M	1	10-50
C 3F7	CP181P047A00	C-ELECTROLYTIC 04W 200V 22M-M	1	51-99
C 514	CP181P047A30	C-ELECTROLYTIC 04W 200V 100M-M	1	10-19
C 610	CP181P047A30	C-ELECTROLYTIC 04W 200V 100M-M	1	10-19
C 928	CP181P047A40	C-ELECTROLYTIC 04W 200V 220M-M	1	10-19
C 927	CP181P047A50	C-ELECTROLYTIC 04W 200V 220M-M	1	10-19
C 928	CP181P048A40	C-ELECTROLYTIC 04W 250V 33M-M	1	20-99
C 514	CP181P048A60	C-ELECTROLYTIC 04W 250V 100M-M	1	20-99
C 610	CP181P048A60	C-ELECTROLYTIC 04W 250V 100M-M	1	20-99
C 958	CP181P048A90	C-ELECTROLYTIC 04W 450V 1M-M	1	10-99
C 911	CP181P049A00	C-ELECTROLYTIC 04W 450V 2.2M-M	1	10-99
C 137	CP181P049A70	C-ELECTROLYTIC 04W 16V 1000M-M	1	10-99
C 176	CP181P049A70	C-ELECTROLYTIC 04W 16V 1000M-M	1	10-99
C 936	CP181P065A40	C-ELECTROLYTIC 50V 220M-M	1	10-99
C 956	CP181P091A31	C-ELECTROLYTIC 04W 25V 330M-M	1	10-99
C 933	CP181P091A90	C-ELECTROLYTIC 04W 25V 1000M-M	1	10-51
C 933	CP181P091A90	C-ELECTROLYTIC 04W 25V 1000M-M	1	52-99
C 935	CP181P091A90	C-ELECTROLYTIC 04W 25V 1000M-M	1	10-51
C 935	CP181P091A90	C-ELECTROLYTIC 04W 25V 1000M-M	1	52-99
C 931	CP181P094A40	C-ELE 04W 50V 220M-M	1	10-99
C 930	CP181P096A81	C-ELECTROLYTIC 04W 100V 39M-M	1	10-99
C 923	CP181P097A70	C-ELECTROLYTIC 04W 100V 220M-M	1	10-99

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
C 402	CP181P142A11	C-ELECTROLYTIC 04W 200V 1.0M-M	1	20-99
C 529	CP181P142A11	C-ELECTROLYTIC 04W 200V 1.0M-M	1	10-19
C 402	CP181P142A21	C-ELECTROLYTIC 04W 200V 2.2 M-M	1	10-19
C 532	CP181P142A21	C-ELECTROLYTIC 04W 200V 2.2 M-M	1	20-99
C 621	CP181P142A50	C-ELECTROLYTIC 04W 200V 10M-M	1	10-51
C 621	CP181P142A50	C-ELECTROLYTIC 04W 200V 10M-M	1	52-99
C 401	CP181P142A70	C-ELECTROLYTIC 04W 200V 33M-M	1	10-99
C 301	CP181P173A41	C-ELECTROLYTIC- 04 25V10 M-M-NP	1	10-50
C 341	CP181P173A41	C-ELECTROLYTIC- 04 25V10 M-M-NP	1	10-50
C 381	CP181P173A41	C-ELECTROLYTIC- 04 25V10 M-M-NP	1	10-50
C 301	CP181P173A41	C-ELECTROLYTIC- 04 25V10 M-M-NP	1	51-99
C 341	CP181P173A41	C-ELECTROLYTIC- 04 25V10 M-M-NP	1	51-99
C 381	CP181P173A41	C-ELECTROLYTIC- 04 25V10 M-M-NP	1	51-99
C 199	CP181P175A81	C-ELECTROLYTIC- 04 50V4.7 M-M-NP	1	10-99
C 553	CP181P180A21	C-ELECTROLYTIC 04W 6.3V 220M-M	1	20-99
C 551	CP181P180A31	C-ELECTROLYTIC 04W 6.3V 330 M-M	1	20-99
C 957	CP181P180A31	C-ELECTROLYTIC 04W 6.3V 330 M-M	1	10-99
C 559	CP181P180A41	C-ELE 04W 6.3V 470M-M	1	20-99
C 142	CP181P182A81	C-ELECTROLYTIC 04W 16V 470 M-M	1	10-99
C 408	CP181P185A11	C-ELECTROLYTIC 04W 35V 330M-M	1	10-99
C 409	CP181P185A11	C-ELECTROLYTIC 04W 35V 330M-M	1	10-99
C 651	CP181P201A91	C-ELE-NP 04W 16V 47 M-M-NP	1	10-99
C 653	CP181P202A51	C-ELE-NP 04W 25V 4.7 M-M-NP	1	10-19
C 302	CP181P240A91	C-ELE-NP 16V 10MF-M	1	10-50
C 302	CP181P240A91	C-ELE-NP 16V 10MF-M	1	51-99
C 300	CP181P241A31	C-ELE-NP 25V 4.7MF-M	1	10-19
C 3L1	CP181P241A31	C-ELE-NP 25V 4.7MF-M	1	10-50
C 3L1	CP181P241A31	C-ELE-NP 25V 4.7MF-M	1	51-99
C 3C9	CP181P242A41	C-ELE-NP 50V 1.0MF-M	1	10-50
C 3L2	CP181P242A41	C-ELE-NP 50V 1.0MF-M	1	10-50
C 3C9	CP181P242A41	C-ELE-NP 50V 1.0MF-M	1	51-99
C 3L2	CP181P242A41	C-ELE-NP 50V 1.0MF-M	1	51-99
C 3C4	CP181P253A00	C-ELECTROLYTIC 25V 47MF-M	1	10-50
C 3C4	CP181P253A00	C-ELECTROLYTIC 25V 47MF-M	1	51-99
C 3C3	CP181P253A20	C-ELECTROLYTIC 25V 220MF-M	1	10-50
C 3C6	CP181P253A20	C-ELECTROLYTIC 25V 220MF-M	1	10-50
C 3C3	CP181P253A20	C-ELECTROLYTIC 25V 220MF-M	1	51-99
C 3C6	CP181P253A20	C-ELECTROLYTIC 25V 220MF-M	1	51-99
C 3C8	CP181P257A80	C-ELECTROLYTIC 100V 100MF-M	1	10-50
C 3C8	CP181P257A80	C-ELECTROLYTIC 100V 100MF-M	1	51-99
C 927	CP181P274A70	C-ELE 04W 250V 220M-M	1	20-99
C 915	CP185P014A10	C-ELECTROLYTIC 250V 680MF	1	10-99
C 916	CP185P014A10	C-ELECTROLYTIC 250V 680MF	1	10-99
C 503	CP189P021A50	C-M-PLASTIC-PP 200V 0.18M-J 184 SØ (DH)	1	10-19
C 410	CP189P021A70	C-M-PLASTIC-PP 200V 0.22M-J 224 SØ (DH)	1	10-99
C 504	CP189P022A30	C-M-PLASTIC-PP 200V 0.39 M-J 394 SØ (DH)	1	10-19
C 527	CP189P022A50	C-M-PLASTIC-PP 200V 0.47M-J 474 SØ (DH)	1	10-99
C 503	CP189P023A80	C-M-PLASTIC-PP 200V 1.6M-J 165 SØ (DH)	1	10-99
C 505	CP189P024A00	C-M-PLASTIC-PP 200V 2M-J 205-SØ (DH)	1	10-19
C 903	CP189P053A30	C-M-POLYESTER-A AC250/125V 0.47M-M	1	20-99
C 904	CP189P053A50	C-M-POLYESTER-A AC250/125V 0.68M-M	1	10-99

SYMBOL

NO.

PART NO.

DESCRIPTION / SPECIFICATION

QTY

Distributor

LOT NO.

C 502	CP189P080A10	C-M-PLASTIC-PP	400V 0.1M-J	104 SØ	(DH)	1
C 510	CP189P080A10	C-M-PLASTIC-PP	400V 0.1M-J	104 SØ	(DH)	1
C 510	CP189P080A50	C-M-PLASTIC-PP	400V 0.15M-J	154 SØ	(DH)	1
C 511	CP189P080A50	C-M-PLASTIC-PP	400V 0.15M-J	154 SØ	(DH)	1
C 503	CP189P081A10	C-M-PLASTIC-PP	400V 0.27M-J	274 SØ	(DH)	1
C 504	CP189P081A50	C-M-PLASTIC-PP	400V 0.39M-J	394 SØ	(DH)	1
C 405	CP189P092A10	C-PP	200V 0.022M-J 223SØ		(DH)	1
	CP210A139A10	PWB-DISPLAY				1
	CP210A141A10	PWB-DEFL				1
	CP210A144A10	PWB(SMD)-VIDEO		(MI)	1/2	1
	CP210B042A10	PWB-CONTROL			1/4	1
	CP210B043A10	PWB(SMD)-I/F			1/6	1
	CP223C010A50	INSULATOR				2
	CP223C011A20	INSULATOR	TC-45CG			1
	CP223C011A30	INSULATOR		(MI)		1
	CP223C020A10	BARRIER-D/G	VSS HT-200 T=0.5	THZ8105S	(MI)	1
	CP243B009A10	EARTH-WIRE		THZ8905S	(MI)	1
	CP246B095A10	LEAD-CONNECTOR	J501-J901	THZ8105K	(MI)	1
	CP246B095B20	LEAD-CONNECTOR	J502-J902	THZ8105K	(MI)	1
	CP246B095B30	LEAD-CONNECTOR	J503-J3C1	THZ8105K	(MI)	1
	CP246B095B40	LEAD-CONNECTOR	J504-J3C3	THZ8105K	(MI)	1
	CP246B095B50	LEAD-CONNECTOR	J505-J3C2	THZ8105K	(MI)	1
	CP246B095B60	LEAD-CONNECTOR	J513-Q591	THZ8105K	(MI)	1
	CP246B095B70	LEAD-CONNECTOR	J514-Q691	THZ8105K	(MI)	1
	CP246B095B80	LEAD-CONNECTOR	J509	THZ8105K	(MI)	1
	CP246B095B90	LEAD-CONNECTOR	J510	THZ8105K	(MI)	1
	CP246B096A90	LEAD-CONNECTOR	J1F1-J102	THZ8105K	(MI)	1
	CP246B096B10	LEAD-CONNECTOR	J3C4-J3P1	THZ8105K	(MI)	1
	CP246B096B30	LEAD-CONNECTOR	J3R5-J3R6	THZ8105K	(MI)	1
	CP246B096B40	LEAD-CONNECTOR	J3B5-J3B6	THZ8105K	(MI)	1
	CP246B096B50	LEAD-CONNECTOR	J3G5-J3G6	THZ8105K	(MI)	1
	CP246B096B60	LEAD-CONNECTOR	J1F2-J100	THZ8105K	(MI)	1
	CP246B096B70	LEAD-CONNECTOR	J1F3-J903	THZ8105K	(MT)	1
	CP246B096B80	LEAD-CONNECTOR	J1F0-J101	THZ8105K	(MI)	1
	CP246C255A20	PIN-LEAD	PVC-UL UL1015	THZ8105K	(MI)	5
	CP246C255A30	PIN-LEAD	PVC-UL UL1015	THZ8105K	(MI)	1
	CP246C256A50	TERMINAL-LEAD	PVC-UL UL1015	THZ8105K	(MI)	1
	CP246C269A10	LEAD-CONNECTOR-	AC INLET-AC	THZ8905K	(MT)	1
	CP246C275A10	TERMINAL-LEAD	PVC-UL UL1015	THZ8105K	(MI)	1
	CP246C275A20	TERMINAL-LEAD	PVC-UL UL1015	THZ8105K	(MI)	1
AG3R1	CP252P001A21	SURGE-ABSORBER	DSP-201M			1
AG3S1	CP252P001A21	SURGE-ABSORBER	DSP-201M			1
AG3T1	CP252P001A21	SURGE-ABSORBER	DSP-201M			1
AG3P1	CP252P001B11	SURGE-ABSORBER	DSP-301N			1
AG3P2	CP252P003A10	SURGE-ABSORBER	DSA-152M-U10T			1
AG651	CP252P005A21	SURGE-ABSORBER	AG20PC152FBK2M			1
Q 452	CP260P012A11	TRANSISTOR	2SA1020			1
Q 454	CP260P012A11	TRANSISTOR	2SA1020			1
Q 503	CP260P012A11	TRANSISTOR	2SA1020			1
Q 602	CP260P012A11	TRANSISTOR	2SA1020			1
Q 563	CP260P012A11	TRANSISTOR	2SA1020			1
Q 431	CP260P040A11	TRANSISTOR	2SC2655			1

Genwert

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SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
Q 453	CP260P040A11	TRANSISTOR 2SC2655	1	10-99
Q 502	CP260P040A11	TRANSISTOR 2SC2655	1	10-99
Q 601	CP260P040A11	TRANSISTOR 2SC2655	1	10-99
Q 562	CP260P057A21	TRANSISTOR 2SC1815 BL GR Y	1	10-99
Q 564	CP260P057A21	TRANSISTOR 2SC1815 BL GR Y	1	20-99
Q 565	CP260P057A21	TRANSISTOR 2SC1815 BL GR Y	1	20-99
Q 566	CP260P057A21	TRANSISTOR 2SC1815 BL GR Y	1	20-99
Q 901	CP260P057A21	TRANSISTOR 2SC1815 BL GR Y	1	10-99
Q 902	CP260P057A21	TRANSISTOR 2SC1815 BL GR Y	1	10-99
Q 903	CP260P057A21	TRANSISTOR 2SC1815 BL GR Y	1	10-99
Q 402	CP260P070A11	TRANSISTOR 2SC2909S	1	10-99
Q 405	CP260P070A21	TRANSISTOR 2SA1207S	1	10-99
Q 517	CP260P086A10	TRANSISTOR 2SD2012	1	10-99
Q 518	CP260P087A10	TRANSISTOR 2SB1375	1	10-99
Q 3C4C	CP260P098A11	TRANSISTOR-CHIP 2SA1255-Y	1	10-50
Q 303C	CP260P098A11	TRANSISTOR-CHIP 2SA1255-Y	1	10-50
Q 343C	CP260P098A11	TRANSISTOR-CHIP 2SA1255-Y	1	10-50
Q 383C	CP260P098A11	TRANSISTOR-CHIP 2SA1255-Y	1	10-50
Q 3D1C	CP260P098A11	TRANSISTOR-CHIP 2SA1255-Y	1	10-50
Q 3C4C	CP260P098A11	TRANSISTOR-CHIP 2SA1255-Y	1	51-99
Q 303C	CP260P098A11	TRANSISTOR-CHIP 2SA1255-Y	1	51-99
Q 343C	CP260P098A11	TRANSISTOR-CHIP 2SA1255-Y	1	51-99
Q 383C	CP260P098A11	TRANSISTOR-CHIP 2SA1255-Y	1	51-99
Q 3D1C	CP260P098A11	TRANSISTOR-CHIP 2SA1255-Y	1	51-99
Q 3C3C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	10-50
Q 3C5C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	10-50
Q 304C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	10-50
Q 344C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	10-50
Q 384C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	10-50
Q 3D0C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	10-50
Q 3D2C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	10-50
Q 3C3C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	51-99
Q 3C5C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	51-99
Q 304C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	51-99
Q 344C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	51-99
Q 384C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	51-99
Q 3D0C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	51-99
Q 3D2C	CP260P099A11	TRANSISTOR 2SC3138-Y	1	51-99
Q 101	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	10-99
Q 102	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	10-99
Q 103	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	10-99
Q 104	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	10-99
Q 105	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	10-99
Q 106	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	10-99
Q 110	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	10-99
Q 112	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	10-99
Q 113	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	10-99
Q 114	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	10-99
Q 115	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	20-99
Q 116	CP260P110A11	TRANSISTOR-CHIP 2SC2412K-R	1	20-99
Q 109	CP260P114A11	TRANSISTOR-CHIP 2SA1037K-R	1	10-99
Q 111	CP260P114A11	TRANSISTOR-CHIP 2SA1037K-R	1	10-99

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SYMBOL	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
NO.				
Q 305C	CP260P119A11	TRANSISTOR-CHIP 2SA1462-T2B,Y34	1	10-50
Q 345C	CP260P119A11	TRANSISTOR-CHIP 2SA1462-T2B,Y34	1	10-50
Q 385C	CP260P119A11	TRANSISTOR-CHIP 2SA1462-T2B,Y34	1	10-50
Q 305C	CP260P119A11	TRANSISTOR-CHIP 2SA1462-T2B,Y34	1	51-99
Q 345C	CP260P119A11	TRANSISTOR-CHIP 2SA1462-T2B,Y34	1	51-99
Q 385C	CP260P119A11	TRANSISTOR-CHIP 2SA1462-T2B,Y34	1	51-99
Q 301C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	10-50
Q 302C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	10-50
Q 341C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	10-50
Q 342C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	10-50
Q 381C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	10-50
Q 382C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	10-50
Q 301C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	51-99
Q 302C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	51-99
Q 341C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	51-99
Q 342C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	51-99
Q 381C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	51-99
Q 382C	CP260P144A11	TRANSISTOR-CHIP 2SC3338AR02	1	51-99
Q 561	CP260P162A10	TRANSISTOR KSA 1220A-Y	1	20-99
Q 651	CP260P172A10	TRANSISTOR 2SC4686A	1	10-99
Q 652	CP260P172A10	TRANSISTOR 2SC4686A	1	10-99
Q 653	CP260P172A10	TRANSISTOR 2SC4686A	1	10-99
Q 513	CP260P186A10	MOS-FET 2SJ117	1	20-99
Q 504	CP260P187A10	MOS-FET 2SK1917	1	10-99
Q 505	CP260P187A10	MOS-FET 2SK1917	1	10-99
Q 506	CP260P187A10	MOS-FET 2SK1917	1	10-99
Q 507	CP260P187A10	MOS-FET 2SK1917	1	10-99
Q 519	CP260P193A11	TRANSISTOR 2SC3334	1	10-99
	CP260P198A10	IGBT 1MB12-140	1	10-99
	CP260P198A10	IGBT 1MB12-140	1	10-99
Q 3C1C	CP260P199A11	TRANSISTOR-CHIP 2SC4116-Y.GR	1	10-50
Q 3C2C	CP260P199A11	TRANSISTOR-CHIP 2SC4116-Y.GR	1	10-50
Q 3C6C	CP260P199A11	TRANSISTOR-CHIP 2SC4116-Y.GR	1	10-50
Q 3C8C	CP260P199A11	TRANSISTOR-CHIP 2SC4116-Y.GR	1	10-50
Q 3C1C	CP260P199A11	TRANSISTOR-CHIP 2SC4116-Y.GR	1	51-99
Q 3C2C	CP260P199A11	TRANSISTOR-CHIP 2SC4116-Y.GR	1	51-99
Q 3C6C	CP260P199A11	TRANSISTOR-CHIP 2SC4116-Y.GR	1	51-99
Q 3C8C	CP260P199A11	TRANSISTOR-CHIP 2SC4116-Y.GR	1	51-99
Q 3C9C	CP260P201A11	TRANSISTOR-CHIP 2SA1586-Y.GR	1	10-50
Q 3C9C	CP260P201A11	TRANSISTOR-CHIP 2SA1586-Y.GR	1	51-99
Q 513	CP260P202A10	MOS-FET 2SJ306	1	10-19
Q 604	CP260P202A10	MOS-FET 2SJ306	1	10-99
Q 403	CP260P209A10	TRANSISTOR 2SD1264A	1	10-99
Q 401	CP260P210A10	TRANSISTOR 2SB940A	1	10-99
Q 404	CP260P210A10	TRANSISTOR 2SB940A	1	10-99
Q 408	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 409	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 508	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 509	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 510	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 511	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 512	CP260P213A11	TRANSISTOR 2SC3311	1	10-99

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
Q 516	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 520	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 521	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 551	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 552	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 553	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 555	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 556	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 557	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 559	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 609	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 560	CP260P213A11	TRANSISTOR 2SC3311	1	10-99
Q 115	CP260P213A11	TRANSISTOR 2SC3311	1	10-19
Q 116	CP260P213A11	TRANSISTOR 2SC3311	1	10-19
Q 407	CP260P214A11	TRANSISTOR 2SA1309	1	10-99
Q 554	CP260P214A11	TRANSISTOR 2SA1309	1	10-99
Q 603	CP260P214A11	TRANSISTOR 2SA1309	1	10-99
Q 613	CP260P214A11	TRANSISTOR 2SA1309	1	10-99
Q 501	CP260P216A11	MOS-FET 2SK940	1	10-99
	CP260P219A10	MOS-FET 2SK1362	1	10-99
Q 614	CP260P530A11	TRANSISTOR 2SC2551	1	10-99
Q 615	CP260P530A11	TRANSISTOR 2SC2551	1	10-99
Q 568	CP260P530A11	TRANSISTOR 2SC2551	1	20-99
Q 561	CP261P013A20	TRANSISTOR 2SA1408-B	1	10-19
Q 607	CP261P022A11	TRANSISTOR 2SC3112-B	1	10-99
Q 608	CP261P022A11	TRANSISTOR 2SC3112-B	1	10-99
IC303C	CP263P028A11	IC-LINEAR-CHIP NJM431U/RC431U	1	10-50
IC343C	CP263P028A11	IC-LINEAR-CHIP NJM431U/RC431U	1	10-50
IC383C	CP263P028A11	IC-LINEAR-CHIP NJM431U/RC431U	1	10-50
IC303C	CP263P028A11	IC-LINEAR-CHIP NJM431U/RC431U	1	51-99
IC343C	CP263P028A11	IC-LINEAR-CHIP NJM431U/RC431U	1	51-99
IC383C	CP263P028A11	IC-LINEAR-CHIP NJM431U/RC431U	1	51-99
IC114	CP263P032A11	IC-CHIP NJM2904M	1	10-99
IC118	CP263P032A11	IC-CHIP NJM2904M	1	10-99
IC122	CP263P032A11	IC-CHIP NJM2904M	1	10-99
IC124	CP263P032A11	IC-CHIP NJM2904M	1	10-99
IC3C1	CP263P051A10	IC M52036SP	1	10-50
IC3C1	CP263P051A10	IC M52036SP	1	51-99
IC119	CP263P056A11	IC MC14052BF	1	10-99
IC111	CP263P061A20	IC CXA1158P	1	10-99
IC110	CP263P062A10	IC CXA1366S	1	10-99
IC301	CP263P065A10	IC LM1201N	1	10-50
IC341	CP263P065A10	IC LM1201N	1	10-50
IC381	CP263P065A10	IC LM1201N	1	10-50
IC301	CP263P065A10	IC LM1201N	1	51-99
IC341	CP263P065A10	IC LM1201N	1	51-99
IC381	CP263P065A10	IC LM1201N	1	51-99
IC342	CP263P066A10	HIC CR2424A	1	10-50
IC382	CP263P066A10	HIC CR2424A	1	10-50
IC302	CP263P066A10	HIC CR2424A	1	51-99
IC342	CP263P066A10	HIC CR2424A	1	51-99

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SYMBOL	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
NO.				
IC382	CP263P066A10	HIC CR2424A	1	51-99
IC120	CP263P071A11	REGULATOR AN78L15M	1	10-99
IC125	CP263P071A21	REGULATOR AN78L12M	1	10-99
IC109	CP263P073A11	IC-SOP TL084CNS	1	10-99
IC115	CP263P073A11	IC-SOP TL084CNS	1	10-99
IC904	CP263P076A10	IC-REGULATOR AN7805F	1	10-99
IC906	CP263P078A10	IC-REGULATOR AN7905F	1	10-99
IC905	CP263P079A10	IC-REGULATOR AN7912F	1	10-99
IC903	CP263P084A10	IC-REGULATOR AN7712F	1	10-99
IC401	CP263P510A10	IC-LINEAR TL082CP	1	10-99
IC451	CP263P510A10	IC-LINEAR TL082CP	1	10-99
IC651	CP263P510A10	IC-LINEAR TL082CP	1	10-99
IC116	CP263P521A11	IC LINEAR TL082PS	1	10-99
IC123	CP263P521A11	IC LINEAR TL082PS	1	10-99
D 401	CP264D006A11	DIODE EU2A/RGP10G	1	10-99
D 510	CP264D006A11	DIODE EU2A/RGP10G	1	10-99
D 511	CP264D006A11	DIODE EU2A/RGP10G	1	10-99
D 512	CP264D006A11	DIODE EU2A/RGP10G	1	10-19
D 607	CP264D006A11	DIODE EU2A/RGP10G	1	10-99
D 519	CP264D006A11	DIODE EU2A/RGP10G	1	10-99
D 523	CP264D006A11	DIODE EU2A/RGP10G	1	20-99
D 594	CP264P058A10	DIODE RG2A2	1	10-99
D 595	CP264P058A10	DIODE RG2A2	1	10-99
D 515	CP264P058A11	DIODE RG2A2	1	10-99
D 516	CP264P058A11	DIODE RG2A2	1	10-99
D 1F0	CP264P064A20	LED PY3822K-FORMING	1	10-99
D 1F1	CP264P064A20	LED PY3822K-FORMING	1	10-99
D 1F2	CP264P064A20	LED PY3822K-FORMING	1	10-99
D 1F3	CP264P064A20	LED PY3822K-FORMING	1	10-99
D 1F4	CP264P064A20	LED PY3822K-FORMING	1	10-99
D 1F5	CP264P064A20	LED PY3822K-FORMING	1	10-99
D 1W1	CP264P064A20	LED PY3822K-FORMING	1	10-19
D 1W2	CP264P064A20	LED PY3822K-FORMING	1	10-19
D 1W3	CP264P064A20	LED PY3822K-FORMING	1	10-19
D 1W4	CP264P064A20	LED PY3822K-FORMING	1	10-19
D 1W5	CP264P064A20	LED PY3822K-FORMING	1	10-19
D 916	CP264P073A51	DIODE HZ5C1 (DH)	1	10-99
D 906	CP264P075A41	DIODE HZ7C2	1	10-99
D 507	CP264P080A61	DIODE HZ11B3	1	10-99
D 602	CP264P080A61	DIODE HZ11B3	1	10-99
D 502	CP264P082A21	DIODE HZ16-1	1	10-99
D 503	CP264P082A21	DIODE HZ16-1	1	10-99
D 504	CP264P082A21	DIODE HZ16-1	1	10-99
D 505	CP264P082A21	DIODE HZ16-1	1	10-99
D 923	CP264P082A81	DIODE HZ20-1	1	10-99
D 605	CP264P084A11	DIODE HZ30-2	1	20-99
D 606	CP264P084A11	DIODE HZ30-2	1	20-99
D 609	CP264P084A11	DIODE HZ30-2	1	20-99
D 611	CP264P084A11	DIODE HZ30-2	1	20-99
D 508	CP264P092A10	DIODE RG2A	1	10-99
D 603	CP264P092A10	DIODE RG2A	1	10-99
D 3L1C	CP264P102A11	DIODE-ZENER-CHI HZK58TR	1	10-50

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SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
D 3L2C	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-50
D 3L1C	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	51-99
D 3L2C	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	51-99
D 101	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 102	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 103	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 104	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 105	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 106	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 107	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 108	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 109	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 110	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 111	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 112	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 113	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 114	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 115	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 118	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 119	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 120	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 121	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 122	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 123	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 124	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 125	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 126	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 127	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 128	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 134	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 135	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 137	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 1Y2	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 1Y3	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 1Y4	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 1Y5	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 1Y6	CP264P102A11	DIODE-ZENER-CHI HZK5BTR	1	10-99
D 308C	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-50
D 348C	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-50
D 388C	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-50
D 3C5C	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-50
D 390C	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	20-50
D 308C	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	51-99
D 348C	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	51-99
D 388C	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	51-99
D 3C5C	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	51-99
D 390C	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	51-99
U 110	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	51-99
D 117	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 129	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 130	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 131	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99

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SYMBOL NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
D 132	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 133	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 136	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 138	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 1X1	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 1X2	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 1X3	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 1X4	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 1X5	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 1X6	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 1X7	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 1X8	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 1X9	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 1Y1	CP264P105A11	DIODE-CHIP HSK120TR LLD	1	10-99
D 912	CP264P115A10	DIODE EGP30D 20MM	1	10-51
D 912	CP264P115A10	DIODE EGP30D 20MM	1	52-99
D 913	CP264P115A20	DIODE EGP30D 15MM	1	10-51
D 913	CP264P115A20	DIODE EGP30D 15MM	1	52-99
D 908	CP264P124A11	DIODE EU2A	1	20-99
D 3C2C	CP264P130A11	DIODE-CHIP HSK83TR	1	10-50
D 304C	CP264P130A11	DIODE-CHIP HSK83TR	1	10-50
D 305C	CP264P130A11	DIODE-CHIP HSK83TR	1	10-50
D 344C	CP264P130A11	DIODE-CHIP HSK83TR	1	10-50
D 345C	CP264P130A11	DIODE-CHIP HSK83TR	1	10-50
D 384C	CP264P130A11	DIODE-CHIP HSK83TR	1	10-50
D 385C	CP264P130A11	DIODE-CHIP HSK83TR	1	10-50
D 3C6C	CP264P130A11	DIODE-CHIP HSK83TR	1	10-50
D 3C2C	CP264P130A11	DIODE-CHIP HSK83TR	1	51-99
D 304C	CP264P130A11	DIODE-CHIP HSK83TR	1	51-99
D 305C	CP264P130A11	DIODE-CHIP HSK83TR	1	51-99
D 344C	CP264P130A11	DIODE-CHIP HSK83TR	1	51-99
D 345C	CP264P130A11	DIODE-CHIP HSK83TR	1	51-99
D 384C	CP264P130A11	DIODE-CHIP HSK83TR	1	51-99
D 385C	CP264P130A11	DIODE-CHIP HSK83TR	1	51-99
D 3C6C	CP264P130A11	DIODE-CHIP HSK83TR	1	51-99
D 910	CP264P151A11	DIODE RGP15J-6040	1	10-99
D 911	CP264P151A11	DIODE RGP15J-6040	1	10-99
D 914	CP264P151A11	DIODE RGP15J-6040	1	10-99
TH601	CP264P172A31	THYRISTOR SF0R3G42	1	10-99
D 303C	CP264P174A21	DIODE-ZENER-CHI HZK3BLL	1	10-50
D 343C	CP264P174A21	DIODE-ZENER-CHI HZK3BLL	1	10-50
D 383C	CP264P174A21	DIODE-ZENER-CHI HZK3BLL	1	10-50
D 303C	CP264P174A21	DIODE-ZENER-CHI HZK3BLL	1	51-99
D 343C	CP264P174A21	DIODE-ZENER-CHI HZK3BLL	1	51-99
D 383C	CP264P174A21	DIODE-ZENER-CHI HZK3BLL	1	51-99
D 601	CP264P180A41	DIODE-ZENER HZS6B1L	1	10-99
D 608	CP264P180A41	DIODE-ZENER HZS6B1L	1	10-99
D 517	CP264P183A71	DIODE-ZENER HZS12A1L	1	10-99
D 604	CP264P186A91	DIODE-ZENER HZS30-2L	1	10-19
D 605	CP264P186A91	DIODE-ZENER HZS30-2L	1	10-19
D 606	CP264P186A91	DIODE-ZENER HZS30-2L	1	10-19
D 609	CP264P186A91	DIODE-ZENER HZS30-2L	1	10-19

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SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
D 1F6	CP264P190A10	DIODE-LE SLP-238C-51	1	10-99
D 901	CP264P208A80	DIODE D3SB60-4003	1	10-99
D 907	CP264P213A10	DIODE DFC15TL	1	10-99
D 520	CP264P221A10	DIODE DFC15TR	1	10-99
D 909	CP264P222A10	DIODE UF5408	1	10-51
D 909	CP264P222A10	DIODE UF5408	1	52-99
D 902	CP264P223A11	DIODE MPG06M	1	10-99
D 903	CP264P223A11	DIODE MPG06M	1	10-99
D 908	CP264P223A11	DIODE MPG06M	1	10-19
D 920	CP264P223A11	DIODE MPG06M	1	10-99
D 3C4C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	10-50
D 3L3C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	10-19
D 3L4C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	10-50
D 301C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	10-50
D 302C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	10-50
D 341C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	10-50
D 342C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	10-50
D 381C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	10-50
D 382C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	10-50
D 3C4C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	51-99
D 3L4C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	51-99
D 301C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	51-99
D 302C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	51-99
D 341C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	51-99
D 342C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	51-99
D 381C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	51-99
D 382C	CP264P513A11	DIODE(MINI MOLD HSM123 DUAL	1	51-99
D 651	CP264P523A20	DIODE RP1H-LF-B1	1	10-99
D 652	CP264P523A20	DIODE RP1H-LF-B1	1	10-99
	CP264P524A10	DIODE FMP-G3FS	1	10-99
C 907	CP265D001A10	VARISTOR PO59-1/PO57-1	1	10-99
TH901	CP265P004A60	THERMISTOR 8D-18	1	10-99
TH902	CP265P004A60	THERMISTOR 8D-18	1	10-99
RP901	CP265P051A10	PDSISTOR 903P54E150MR17 (MI)	1	10-99
C 907	CP265P064A10	VARISTOR ERZC20DK151	1	20-99
IC112	CP266P014A10	IC LA7852	1	10-99
IC105	CP266P095A40	IC-MOS M6M80041P 4KBIT EEP ROM	1	10-99
IC103	CP266P097A51	IC-MOS MB88346BPF	1	10-99
IC107	CP266P112A21	IC-MOS-CHIP DAC 8840FS	1	10-99
IC108	CP266P112A21	IC-MOS-CHIP DAC 8840FS	1	10-99
IC104	CP266P120A21	IC-TTL HD74LS86FP-TR	1	10-19
IC3C3C	CP266P121A21	IC-TTL HD74LS14FP-TR	1	10-50
IC3C3C	CP266P121A21	IC-TTL HD74LS14FP-TR	1	51-99
IC121	CP266P133A11	IC-MOS-SOP MB88306PF	1	10-99
IC102	CP266P134A11	IC-DIGITA MM1075XF	1	10-99
IC101	CP266P136A11	IC-MOS HD4074008FZGW	1	10-19
IC1X2	CP266P137A10	IC-MOS MB89251A	1	10-99
IC1X3	CP266P138A10	IC-MOS HD74HC292P	1	10-99
IC1X4	CP266P139A10	IC-MOS MC74HC04N	1	10-99
IC1X5	CP266P140A10	IC-DIGITAL SN75188N	1	10-99
IC1X6	CP266P141A10	IC-DIGITAL SN75189AN	1	10-99
IC1X7	CP266P142A10	IC MB3773	1	10-99

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SYMBOL NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
IC1X1	CP266P143A10	IC-MOS HD4074008SZ	1	10-99
IC101	CP266P146A10	IC-MOS HD4074019FSZ	1	20-99
IC104	CP266P147A11	IC-TTL-SOP HD74LS139FP	1	20-99
IC502	CP266P148A10	IC-TTL HD75451B	1	20-99
IC901	CP267P022A20	HIC STR-81145A FORMING	1	10-99
IC902	CP267P048A10	HIC STK730-080 (MI)	1	10-99
IC501	CP267P057A10	HIC 927009-04	1	10-99
IC601	CP267P057A10	HIC 927009-04	1	10-99
IC907	CP268P004A10	PHOTO-THYRISTOR TLP647JLF2	1	10-99
D 904	CP269P009A11	THYRISTOR K1V24	1	10-19
D 905	CP269P009A11	THYRISTOR K1V24	1	10-19
D 904	CP269P009A20	THYRISTOR K1V24-01P15	1	20-99
D 905	CP269P009A20	THYRISTOR K1V24-01P15	1	20-99
IC3C2C	CP270P026A41	IC LSTTL (E-SOP HD74LS221FP-TR/SN74	1	10-50
IC3C2C	CP270P026A41	IC LSTTL (E-SOP HD74LS221FP-TR/SN74	1	51-99
IC106	CP270P026A41	IC LSTTL (E-SOP HD74LS221FP-TR/SN74	1	10-99
IC117	CP270P026A41	IC LSTTL (E-SOP HD74LS221FP-TR/SN74	1	10-99
F 901	CP283P008A80	FUSE 218-T4.OA 250V	1	10-99
F 902	CP283P016A61	FUSE 251003 3A	1	10-99
F 903	CP283P016A61	FUSE 251003 3A	1	10-99
F 904	CP283P016A61	FUSE 251003 3A	1	10-99
F 905	CP283P016A61	FUSE 251003 3A	1	10-99
F 906	CP283P016A61	FUSE 251003 3A	1	10-99
RY501	CP287P005A10	RELAY VE 12HM-K-UL	1	10-99
RY502	CP287P005A10	RELAY VE 12HM-K-UL	1	20-99
RY901	CP287P017A20	RELAY G2R-1A-SKVD DC12	1	10-99
RY902	CP287P021A20	RELAY G2R-2A-SKVD DC12	1	10-99
X 101	CP296P001A41	CERAMIC-RESONAT CSA8.00MT	1	10-99
X 1X1	CP296P001A60	CERAMIC-RESONAT CSA4.91MG	1	10-19
X 1X1	CP296P001A70	CERAMIC-RESONAT CSA4.91 MGO40	1	20-99
	CP299D004A20	EARTH-CRT C5191P-1/2H TO.3 HX7920	1	10-99
L 513	CP321P009A31	COIL-RF LHL06TB 822J	1	20-99
L 502	CP321P013A20	COIL-CHOKE FL11Z680K-50	1	20-99
L 502	CP321P013A40	COIL-CHOKE FL11Z470K-50	1	10-19
L 507	CP321P013A50	COIL-CHOKE FL11H222J	1	10-99
L 508	CP321P013A60	COIL-CHOKE FL11H682J	1	10-99
L 514	CP321P013A80	COIL-CHOKE FL11Z101K-50	1	20-99
L 307C	CP321P020A71	COIL-PEAKING-CH 0.39MH-M 3.2X2.5	1	10-50
L 347C	CP321P020A71	COIL-PEAKING-CH 0.39MH-M 3.2X2.5	1	10-50
L 387C	CP321P020A71	COIL-PEAKING-CH 0.39MH-M 3.2X2.5	1	10-50
L 307C	CP321P020A71	COIL-PEAKING-CH 0.39MH-M 3.2X2.5	1	51-99
L 347C	CP321P020A71	COIL-PEAKING-CH 0.39MH-M 3.2X2.5	1	51-99
L 387C	CP321P020A71	COIL-PEAKING-CH 0.39MH-M 3.2X2.5	1	51-99
L 904	CP321P031A21	COIL-RF 27MH-K	1	20-99
L 907	CP321P031A31	COIL-RF 33MH-K 330 SΩ	1	20-99
L 905	CP321P031A91	COIL-RF 100MH-K 101 SΩ	1	20-99
L 906	CP321P031A91	COIL-RF 100MH-K 101 SΩ	1	20-99
L 908	CP321P031A91	COIL-RF 100MH-K 101 SΩ	1	20-99
L 910	CP321P031A91	COIL-RF 100MH-K 101 SΩ	1	20-99
L 907	CP321P050A71	COIL-RF 33M-K	1	10-19
L 505	CP321P051A01	COIL-RF 100M12P-K	1	10-99
L 601	CP321P051A01	COIL-RF 100M12P-K	1	10-99

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
L 512	CP321P051A11	COIL-RF 150M-K	1	20-99
L 512	CP321P051A71	COIL-RF 1500M-K	1	10-19
L 503	CP321P053A10	COIL-CHOKE 3.3MH	1	10-99
L 604	CP321P053A10	COIL-CHOKE 3.3MH	1	10-99
L 506	CP325P012A91	COIL-PEAKING 220MH-K	1	10-99
L 509	CP325P012A91	COIL-PEAKING 220MH-K	1	10-99
L 510	CP325P012A91	COIL-PEAKING 220MH-K	1	10-99
L 511	CP325P012A91	COIL-PEAKING 220MH-K	1	10-99
L 602	CP325P012A91	COIL-PEAKING 220MH-K	1	10-99
L 607	CP325P012A91	COIL-PEAKING 220MH-K	1	10-99
L 608	CP325P012A91	COIL-PEAKING 220MH-K	1	10-99
L 609	CP325P012A91	COIL-PEAKING 220MH-K	1	10-99
L 1X1	CP325P012A91	COIL-PEAKING 220MH-K	1	10-99
L 1X2	CP325P012A91	COIL-PEAKING 220MH-K	1	20-99
L 1X3	CP325P012A91	COIL-PEAKING 220MH-K	1	20-99
T 501	CP332P012A10	TRANS-HORIZ-OUT	1	20-99
L 501	CP333P021A10	COIL-LIN	1	10-99
L 501	CP333P024A10	COIL-HORIZ-LIN	1	10-19
T 601	CP334P039A10	FBT	1	20-99
T 901	CP350P050A10	TRANS-POWER (MI)	1	10-99
L 901	CP351P033A50	LINE-FILTER SS35V-35047 3.5A 4.7	1	10-99
	CP409B013A10	COIL-DEGAUSSING THZ8905S (MT)	1	10-99
L 606	CP409P035A10	TRANS-CHOKE 500MH	1	10-19
L 606	CP409P036A10	TRANS-CHOKE ZTS0478VC L=500MH	1	20-99
LC303	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-50
LC343	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-50
LC383	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	51-99
LC303	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-50
LC343	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	51-99
LC383	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	51-99
L 504	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-99
L 603	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-99
L 101	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-99
L 1X1	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-19
L 1X2	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-19
L 1X3	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-19
L 1X4	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-99
L 1X5	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-99
L 1X6	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-99
L 1X7	CP410P012A11	BEAD-FERRITE FBRO7HA850	1	10-99
L 3C1C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3C2C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3C3C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3C6C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3C7C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3C8C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3C9C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3DOC	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3D1C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3D2C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3D3C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3D4C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50

SYMBOL	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
NO.				
L 3D5C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3D6C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3L1C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3L2C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3L3C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3O1C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3O2C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3O8C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	20-50
L 341C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 342C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 348C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	20-50
L 381C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 382C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 388C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	20-50
L 3D7C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3D9C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	10-50
L 3C1C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3C2C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3C3C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3C6C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3C7C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3C8C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3C9C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3D0C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3D1C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3D2C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3D3C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3D4C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3D5C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3D6C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3L1C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3L2C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3L3C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3O1C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3O2C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3O8C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 341C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 342C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 348C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 381C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 382C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 388C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3D7C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
L 3D9C	CP410P040A11	FERRITE-CHIP BLM21A 05PT	1	51-99
LC305C	CP410P042A71	FILTER-CHIP NFM41R10C222T1	1	10-50
LC345C	CP410P042A71	FILTER-CHIP NFM41R10C222T1	1	10-50
LC385C	CP410P042A71	FILTER-CHIP NFM41R10C222T1	1	10-50
LC305C	CP410P042A71	FILTER-CHIP NFM41R10C222T1	1	51-99
LC345C	CP410P042A71	FILTER-CHIP NFM41R10C222T1	1	51-99
LC385C	CP410P042A71	FILTER-CHIP NFM41R10C222T1	1	51-99
LC304	CP410P502A41	EMI-FILTER TH18103MA	1	10-50
LC311	CP410P502A41	EMI-FILTER TH18103MA	1	10-50

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
LC384	CP410P502A41	EMI-FILTER	1	10-50
LC304	CP410P502A41	EMI-FILTER	1	51-99
LC344	CP410P502A41	EMI-FILTER	1	51-99
LC384	CP410P502A41	EMI-FILTER	1	51-99
L 651	CP410P502A41	EMI-FILTER	1	10-99
L 652	CP410P502A41	EMI-FILTER	1	10-99
L 653	CP410P502A41	EMI-FILTER	1	10-99
L 654	CP410P502A41	EMI-FILTER	1	10-99
L 655	CP410P502A41	EMI-FILTER	1	10-99
	CP411D001A11	CORE-FERRITE	1	10-99
L 591	CP411D001A11	CORE-FERRITE	1	10-99
SW1X1	CP431C006A10	SW-DIP	1	10-19
SW3L1	CP431P012A10	SW-SLIDE	1	10-50
SW3L2	CP431P012A10	SW-SLIDE	1	10-50
SW3L1	CP431P012A10	SW-SLIDE	1	51-99
SW3L2	CP431P012A10	SW-SLIDE	1	51-99
SW1FA	CP432P007A10	SW-PUSH	1	10-50
SW1FA	CP432P007A10	SW-PUSH	1	51-99
SW1F0	CP439P013A20	TACT-SW	1	10-99
SW1F1	CP439P013A20	TACT-SW	1	10-99
SW1F2	CP439P013A20	TACT-SW	1	10-99
SW1F3	CP439P013A20	TACT-SW	1	10-99
SW1F4	CP439P013A20	TACT-SW	1	10-99
SW1F5	CP439P013A20	TACT-SW	1	10-99
SW1F6	CP439P013A20	TACT-SW	1	10-99
SW1F7	CP439P013A20	TACT-SW	1	10-99
SW1F8	CP439P013A20	TACT-SW	1	10-99
SW1F9	CP439P013A20	TACT-SW	1	10-99
	CP442D020A10	FUSE-CLIP	2	10-19
	CP442D020A10	FUSE-CLIP	1	20-99
	CP442D020A10	FUSE-CLIP	1	20-99
J 3P4	CP449C504A10	SOCKET-CRT	1	10-99
J 3B1	CP450C004A10	CONNECTOR	1	10-50
J 3G1	CP450C004A10	CONNECTOR	1	10-50
J 3L1	CP450C004A10	CONNECTOR	1	10-50
J 3L2	CP450C004A10	CONNECTOR	1	10-50
J 3R1	CP450C004A10	CONNECTOR	1	10-50
J 3B1	CP450C004A10	CONNECTOR	1	51-99
J 3G1	CP450C004A10	CONNECTOR	1	51-99
J 3L1	CP450C004A10	CONNECTOR	1	51-99
J 3L2	CP450C004A10	CONNECTOR	1	51-99
J 3R1	CP450C004A10	CONNECTOR	1	51-99
J 3C2	CP452C023A10	CONNECTOR-PH	(MI) 1	10-50
J 3C2	CP452C023A10	CONNECTOR-PH	(MI) 1	51-99
J 3C6	CP452C023A50	CONNECTOR-PH	B5B-PH-K-S (MI) 1	10-50
J 3C6	CP452C023A50	CONNECTOR-PH	B5B-PH-K-S (MI) 1	51-99
J 3C3	CP452C023A80	CONNECTOR-PH	B8B-PH-K-S (MI) 1	10-50
J 3C3	CP452C023A80	CONNECTOR-PH	B8B-PH-K-S (MI) 1	51-99
J 3L3	CP452C025A10	CONNECTOR-DSUB	1	10-50
J 3L3	CP452C025A10	CONNECTOR-DSUB	1	51-99
J 102	CP452C032A70	CONNECTOR	S7B-XH-A-1	10-99
J 101	CP452C033A30	CONNECTOR	S13B-XH-A-1	10-99

SYMBOL NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
J 3C7	CP452C039A10	CONNECTOR-MINI- PCS7688-01-201	1	10-50
J 3C7	CP452C039A10	CONNECTOR-MINI- PCS7688-01-201	1	51-99
J 1X1	CP452C509A40	CONNECTOR B4B-XH-A	1	10-19
J 1X2	CP452C509A50	CONNECTOR B5B-XH-A	1	10-19
J 1X3	CP452C509A80	CONNECTOR B8B-XH-A	1	10-19
AC	CP452D015A10	CONNECTOR-VH B2P3-VH (MT)	1	10-99
DG	CP452D016A10	CONNECTOR-VH B2P3S-VH (MT)	1	10-99
J 903	CP452D016A30	CONNECTOR-VH B4P7S-VH (MT)	1	10-99
J 506	CP452P051A30	CONNECTOR-JLBTE 13JL-BT-E	1	10-99
J 507	CP452P051A30	CONNECTOR-JLBTE 13JL-BT-E	1	10-99
J 508	CP452P051A30	CONNECTOR-JLBTE 13JL-BT-E	1	10-99
J 103	CP452P061A30	CONNECTOR-JLFE 13B-JL-F-E	1	10-99
J 105	CP452P061A30	CONNECTOR-JLFE 13B-JL-F-E	1	10-99
J 106	CP452P061A30	CONNECTOR-JLFE 13B-JL-F-E	1	10-99
	CP540C013A10	EDGE-SADDLE EDS-1717U (MI)	1	10-99
	CP540C021A10	CLAMPER-DG NYLON6 (MI)	10	10-99
	CP540C023A10	CLAMPER	1	10-99
	CP540C025A10	CLAMPER THZ8105S	4	10-99
	CP540D005A30	LEAD-CLAMPER NYLON 6 (MI)	1	10-99
	CP540D010A20	CLAMPER (MI)	1	10-99
	CP549D005A20	CARD-SPACER (MI)	7	10-99
	CP550D003A20	GUM-WASHER THZ8105K	4	10-99
	CP580A019A10	SHIELD-POWER A1100P-H24 T1.0 THZ8905S	1	10-99
	CP580A020A10	SHIELD-TOP SPT 2.8/2.8 TO.4 THZ8905S	1	10-99
	CP580A021A10	SHIELD-VIDEO A1100P-H24 T1.0 THZ8905S	1	10-99
	CP580A022A10	SHIELD-BOTTOM SECC C20/20 TO.8 THZ8905S	1	10-99
	CP580A023A10	CASE-VIDEO A1100P-H24 T2.0 THZ8905S	1	10-99
	CP580C042A10	SHIELD-CRT SPT 2.8/2.8 10.257 THZ8105K	1	10-99
	CP590B054A10	RADIATOR-P A1100P-H24 T2.0 THZ8905S	1	10-99
	CP590B057A10	RADIATOR-FIN-P THZ8905S	1	10-99
	CP590B058A10	RADIATOR-FIN-DE THZ8105S	1	10-99
	CP590C063A10	RADIATOR-FIN THZ8105S	1	10-99
	CP590C064A10	RADIATOR-FIN-TR THZ8105S	1	10-99
	CP590D037A10	RADIATOR-TR C1100-1/4H T1.0	6	10-99
	CP593A066A10	HOLDER-CRT THZ8105S	1	10-99
	CP593B090A10	SUPPORT-CONNECT TERN-SHEET T1.0 THZ8105S	1	10-99
	CP593D085A20	HOLDER-TR SECC-20/20-T1.2 THZ8105K	1	10-99
	CP596C026A10	BRACKET-POWER SECC C20/20 TO.8 THZ8905S	1	10-99
	CP599C006A10	SPACER-VIDEO THZ8905S	1	10-99
	CP620A012A10	FRAME-BOTTOM SECC C20/20 TO.8 THZ8905S	1	10-19
	CP620A012A10	FRAME-BOTTOM SECC C20/20 TO.8 THZ8905S	1	20-99
	CP623A007A10	FRAME-SIDE-R SECC C20/20 TO.8 THZ8905S	1	10-99
	CP623A008A10	FRAME-SIDE-L SECC C20/20 TO.8 THZ8905S	1	10-19
	CP623A008A10	FRAME-SIDE-L SECC C20/20 TO.8 THZ8905S	1	20-99
	CP641B023A10	HOLDER-LED-5 THZ8105S (MI)	1	10-99
	CP641C001E10	PWB-HOLDER ABS-KJW (MI)	2	10-99
	CP641C027B10	HOLDER-LED VH-10	1	10-99
	CP641C033A10	HOLDER-LED-2 7022IR(PBLYCA)	1	10-99
	CP669C001A10	SCREW-SEMS-HEX 4X8 46LA005	1	10-99
	CP669C008A10	SCREW-TB-SEMS 3X8 46LA005	13	10-99
	CP669C008A10	SCREW-TB-SEMS 3X8 46LA005	16	10-99
	CP669C008A10	SCREW-TB-SEMS 3X8 46LA005	2	10-99

SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
	CP669C008A10	SCREW-TB-SEMS 3X8 46LA005	6	10-99
	CP669C008A10	SCREW-TB-SEMS 3X8 46LA005	2	10-99
	CP669C008A10	SCREW-TB-SEMS 3X8 46LA005	3	10-99
	CP669C008A30	SCREW-TB-SEMS 3X8 HL69HP-N	3	10-99
	CP669D016A20	SCREW-TB-BIND-W 3X8 26AA005+BLACK	2	10-99
	CP669D016A20	SCREW-TB-BIND-W 3X8 26AA005+BLACK	6	10-99
	CP669D016A20	SCREW-TB-BIND-W 3X8 26AA005+BLACK	2	10-99
	CP669D030A60	SCREW-TB-NI 4X16 22AA005	6	10-99
	CP669D041A10	SCREW-HEX JFS-4S-B1W	2	10-99
	CP670C001A10	SOLN-NUT M6 THZ8105S	4	10-99
	CP803B030A10	CUSHION-SET THZ8105S	1	10-99
	CP831C001A10	PACKING-BAG	1	10-99
	CP850C294A10	LABEL-WARNING WHITE-PAPER 70KG THZ8105S	1	10-99
	CP850D167A20	LABEL WHITE-PAPER 70KG	1	10-99
	CT900A121-40A	ASSY-COLGR-DISP	1	10-99
	CT900A122-40A	ASSY-CHASSIS-SE	1	10-99
	CT920A089-40A1-	ASSY-PWB-VIDEØ	1	10-99
	CT920A089-40A9-	ASSY-PWB-VIDEØ	1	10-99
	CT920A090-20A1-	ASSY-PWB-DEFL	1	10-99
	CT920A090-20A9-	ASSY-PWB-DEFL	1	10-99
	CT920A091-20A1-	ASSY-PWB-DISPLA	1	10-99
	CT920A091-20A9-	ASSY-PWB-DISPLA	1	10-99
	CT920A095-10A1-	ASSY-PWB-I/F	1	10-99
	CT920A095-10A9-	ASSY-PWB-I/F	1	10-99
	CT920A232-20A1-	ASSY-PWB-CØNTRØ	1	10-99
	CT920A232-20A9-	ASSY-PWB-CØNTRØ	1	10-99
	CT920B226-10A1-	ASSY-PWB-PARTS	1	10-99
	CT920B226-10A2-	ASSY-PWB-PARTS	1	10-99
	CT920B227-10A1-	ASSY-PWB-PARTS-	1	10-99
	CT920B227-10A2-	ASSY-PWB-PARTS-	1	10-99
	CT920B228-30A1-	ASSY-PWB-PARTS(	1	10-99
	CT920B228-30A2-	ASSY-PWB-PARTS(	1	10-99
	CT920B230-20A1-	ASSY-PWB-PARTS(	1	10-99
	CT920B230-20A2-	ASSY-PWB-PARTS(	1	10-99
	CT920B231-10A1-	ASSY-PWB-PARTS(	1	10-99
	CT920B231-10A2-	ASSY-PWB-PARTS(	1	10-99
	CT920B237-10A1-	ASSY-PWB-PARTS(	1	10-99
	CT920B237-10A2-	ASSY-PWB-PARTS(	1	10-99
	CT920C038-10A1-	ASSY-PWB-PARTS	1	10-99
	CT920C038-10A2-	ASSY-PWB-PARTS	1	10-99
	CT920C040-10A1-	ASSY-PWB-PARTS	1	10-99
	CT920C040-10A2-	ASSY-PWB-PARTS	1	10-99
	CT920C041-10A1-	ASSY-PWB-PARTS	1	10-99
	CT920C041-10A2-	ASSY-PWB-PARTS	1	10-99
	CT920C042-10A1-	ASSY-PWB-PARTS(	1	10-99
	CT920C042-10A2-	ASSY-PWB-PARTS(	1	10-99
	CT920C043-10A1-	ASSY-PWB-PARTS(	1	10-99
	CT920C043-10A2-	ASSY-PWB-PARTS(	1	10-99
	CT920C044-10A1-	ASSY-PWB-PARTS(	1	10-99
	CT920C044-10A2-	ASSY-PWB-PARTS(	1	10-99
	CT920C045-10A1-	ASSY-PWB-PARTS(	1	10-99
	CT920C045-10A2-	ASSY-PWB-PARTS(	1	10-99

SYMBOL NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
	CT940A017-20A	ASSY-CRT-UNIT	1	10-99
	CT940A018-30A	ASSY-POWER-UNIT	1	10-99
	CT940A019-20A	ASSY-DEFL-UNIT	1	10-99
	CT940A020-20A	ASSY-TR-UNIT	1	10-99
	CT940A021-40A	ASSY-VIDEO-UNIT	1	10-99
	CT980C201-02A1-	PARTS-LIST-VIDE	1	10-50
	CT980C201-02A2-	PARTS-LIST-VIDE	1	10-50
	CT980C201-03A1-	PARTS-LIST-VIDE	1	51-99
	CT980C201-03A2-	PARTS-LIST-VIDE	1	51-99
	CT980C203-01A1-	PARTS-LIST-CRT	1	10-99
	CT980C203-01A2-	PARTS-LIST-CRT	1	10-99
	CT980C204-01A1-	PARTS-LIST-DEFL	1	10-99
	CT980C204-01A2-	PARTS-LIST-DEFL	1	10-99
	CT980C205-01A1-	PARTS-LIST-PGWE	1	10-99
	CT980C205-01A2-	PARTS-LIST-PGWE	1	10-99
	CT980C206-02A1-	PARTS-LIST-CGNT	1	10-99
	CT980C206-02A2-	PARTS-LIST-CGNT	1	10-99
	CT980C215-01A1-	LIST-PWB-I/F	1	10-99
	CT980C215-01A2-	LIST-PWB-I/F	1	10-99
	QX081X319B70	SILICONE-GUM KE40RTV 150G1" 2" L1	#	10-99
	QX081X319B70	SILICONE-GUM KE40RTV 150G1" 2" L1	#	10-99
	QX096Z466A90	CARTON-TAPE 75X500M	#	10-99
	QX096Z466A90	CARTON-TAPE 75X500M	#	10-99
R 661	QX101P102D31	R-COMP 1/2W 1K	1	10-99
R 662	QX101P102D31	R-COMP 1/2W 1K	1	10-99
R 654	QX101P183D31	R-COMPOSITION 1/2W 18K	1	10-99
R 651	QX101P224D31	R-COMPOSITION 1/2W 220K-J	1	10-99
R 652	QX101P224D31	R-COMPOSITION 1/2W 220K-J	1	10-99
R 678	QX101P224D31	R-COMPOSITION 1/2W 220K-J	1	10-99
R 901	QX101P224D31	R-COMPOSITION 1/2W 220K-J	1	10-99
R 669	QX101P474D31	R-COMPOSITION 1/2W 470K-J	1	10-99
R 679	QX101P565D31	R-COMPOSITION 1/2W 5.6M-J	1	10-99
R 546	QX103C171A00	R-METAL 1W 56-J 560 RS-L	1	20-99
R 546	QX103C171A30	R-METAL 1W 100-J	1	10-99
R 922	QX103C171A40	R-METAL 1W 120-J 121 RS-L	1	10-99
R 925	QX103C171A40	R-METAL 1W 120-J 121 RS-L	1	10-99
R 412	QX103C172A10	R-METAL 1W 470-J 471 RS-L	1	10-99
R 616	QX103C172A50	R-METAL 1W 1K-J 102 RS-L	1	10-99
R 404	QX103C173A30	R-METAL 1W 4.7K-J 472 RS-L	1	10-99
R 419	QX103C173A30	R-METAL 1W 4.7K-J 472 RS-L	1	10-99
R 609	QX103C173A40	R-METAL 1W 5.6K-J 562 RS-L	1	20-99
R 629	QX103C173A40	R-METAL 1W 5.6K-J 562 RS-L	1	10-99
R 410	QX103C178A00	R-METAL 1W 1-J	1	10-99
R 411	QX103C178A00	R-METAL 1W 1-J	1	10-99
R 911	QX103C181A30	R-METAL 2W 100-J 101 RS-L	1	10-99
R 3E4	QX103C182A80	R-METAL 2W 1.8K-J 182RS-L	1	10-50
R 3E4	QX103C182A80	R-METAL 2W 1.8K-J 182RS-L	1	51-99
R 574	QX103C183A40	R-METAL 2W 5.6K-J 562 RS-L	1	10-99
R 401	QX103C183A50	R-METAL 2W 6.8K-J 682 RS-L	1	20-99
R 584	QX103C184A70	R-METAL 2W 68K-J 683 RS-L	1	20-99
R 929	QX103C184A80	R-METAL 2W 82K-J 683 RS-L	1	10-99
R 930	QX103C184A80	R-METAL 2W 82K-J 683 RS-L	1	10-99

SYMBOL

NO.

PART NO.

DESCRIPTION / SPECIFICATION

QTY

LOT NO.

R 3P2	QX103C188A80	R-METAL	2W 4.7-J	4R7 RN-L	1	
R 518	QX103C190A70	R-METAL	3W 33-J	330 RS-L	1	10-99
R 516	QX103C191A30	R-METAL	3W 100-J 101 RS-L		1	10-99
R 581	QX103C191A30	R-METAL	3W 100-J 101 RS-L		1	10-99
R 515	QX103C191A50	R-METAL	3W 150-J	151 RS-L	1	20-99
R 401	QX103C193A10	R-METAL	3W 3.3K-J	332 RS-L	1	10-99
R 420	QX103C193A50	R-METAL	3W 6.8K-J	682 RS-L	1	10-19
R 420	QX103C194A20	R-METAL	3W 27K-J	273 RS-L	1	10-19
R 664	QX103C194A60	R-METAL	3W 56K-J		1	20-99
R 665	QX103C194A60	R-METAL	3W 56K-J		1	20-99
R 666	QX103C194A60	R-METAL	3W 56K-J		1	20-99
R 915	QX103C194A80	R-METAL	3W 82K-J	823 RS-L	1	20-99
R 916	QX103C194A80	R-METAL	3W 82K-J	823 RS-L	1	10-99
R 664	QX103C194A90	R-METAL	3W 100K-J	104 RS-L	1	10-99
R 665	QX103C194A90	R-METAL	3W 100K-J	104 RS-L	1	10-19
R 666	QX103C194A90	R-METAL	3W 100K-J	104 RS-L	1	10-19
R 909	QX103C197A40	R-METAL	3W 0.33-J		1	10-19
R 3R2	QX103P141C11	R-CARBON	1/2W 68-J	680 RD-H	1	10-99
R 3S2	QX103P141C11	R-CARBON	1/2W 68-J	680 RD-H	1	10-99
R 3T2	QX103P141C11	R-CARBON	1/2W 68-J	680 RD-H	1	10-99
R 3P1	QX103P141C71	R-CARBON	1/2W 220-J	221 RD-H	1	10-99
R 3P4	QX103P141C71	R-CARBON	1/2W 220-J	221 RD-H	1	10-99
R 1F3	QX103P142C51	R-CARBON	1/2W 1K-J	102 RD-H	1	10-99
R 1F4	QX103P142C51	R-CARBON	1/2W 1K-J	102 RD-H	1	20-99
R 1F0	QX103P142C51	R-CARBON	1/2W 1K-J	102 RD-H	1	20-99
R 1F1	QX103P142C51	R-CARBON	1/2W 1K-J	102 RD-H	1	20-99
R 1F2	QX103P142C51	R-CARBON	1/2W 1K-J	102 RD-H	1	20-99
R 1F6	QX103P142C51	R-CARBON	1/2W 1K-J	102 RD-H	1	20-99
R 1F5	QX103P142C51	R-CARBON	1/2W 1K-J	102 RD-H	1	20-99
R 523	QX103P142C51	R-CARBON	1/2W 1K-J	102 RD-H	1	20-99
R 524	QX103P142C51	R-CARBON	1/2W 1K-J	102 RD-H	1	10-99
R 577	QX103P142C61	R-CARBON	1/2W 1.2K-J		1	10-99
R 670	QX103P142C71	R-CARBON	1/2W 1.5K-J		1	10-99
R 609	QX103P143C81	R-CARBON	1/2W 12K-J	123 RD-H	1	10-19
R 526	QX103P144C11	R-CARBON	1/2W 22K-J	223 RD-H	1	10-99
R 907	QX103P145C11	R-CARBON	1/2W 150K-J	154 RD-H	1	10-99
R 908	QX103P145C11	R-CARBON	1/2W 150K-J	154 RD-H	1	10-99
R 413	QX103P148B31	R-CARBON	1/2W 1.8-J 1R8 RD-H		1	10-99
R 418	QX103P148B31	R-CARBON	1/2W 1.8-J 1R8 RD-H		1	10-99
D 1W1	QX103P323B31	R-CARBON(TP)	RD25TC04NP4.7K-J/RD2	5VTP4.7K	1	10-99
D 1W2	QX103P323B31	R-CARBON(TP)	RD25TC04NP4.7K-J/RD2	5VTP4.7K	1	20-99
R 612	QX103P370A11	R-FUSE	1/4W 10-J	100 RNF-	1	20-99
R 902	QX103P370A11	R-FUSE	1/4W 10-J	100 RNF-	1	10-99
R 923	QX103P370A71	R-FUSE	1/4W 33-J 330 RNF-H		1	10-99
R 621	QX103P372A91	R-FUSE	1/4W 2.2K-J 222 RNF-		1	10-99
R 663	QX103P392A51	R-FUSE	1/2W 1.0K-J 102 RNF-		1	10-99
R 522	QX103P398A11	R-FUSE	1/2W 1.2-J	1R2 RNF-	1	10-99
R 528	QX103P398A11	R-FUSE	1/2W 1.2-J	1R2 RNF-	1	10-99
R 610	QX103P398A11	R-FUSE	1/2W 1.2-J	1R2 RNF-	1	10-99
R 521	QX103P410B11	R-CARBON	1/4W 10-J	100 RD-H	1	10-99
R 613	QX103P410B11	R-CARBON	1/4W 10-J	100 RD-H	1	10-99
R 547	QX103P411B21	R-CARBON	1/4W 82-J	820 RD-H	1	20-99

SYMBOL	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.		
NO.						
	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
R 415	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
R 417	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
R 455	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-19
R 460	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-19
R 467	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
R 501	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
R 503	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
R 531	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
R 601	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
R 602	QX103P411B31	R-CARBON	1/4W 100-J	101 RD-H	1	10-99
R 409	QX103P411B41	R-CARBON	1/4W 120-J	121 RD-H	1	10-99
R 403	QX103P411B51	R-CARBON	1/4W 150-J	151 RD-H	1	10-19
R 513	QX103P411B51	R-CARBON	1/4W 150-J	151 RD-H	1	10-99
R 406	QX103P411B71	R-CARBON	1/4W 220-J	221 RD-H	1	10-99
R 554	QX103P411B71	R-CARBON	1/4W 220-J	221 RD-H	1	10-99
R 556	QX103P411B71	R-CARBON	1/4W 220-J	221 RD-H	1	20-99
R 576	QX103P411B71	R-CARBON	1/4W 220-J	221 RD-H	1	10-99
R 582	QX103P411B71	R-CARBON	1/4W 220-J	221 RD-H	1	20-99
R 405	QX103P412B11	R-CARBON	1/4W 470-J	471 RD-H	1	10-99
R 1F0	QX103P412B21	R-CARBON	1/4W 560-J	561 RD-H	1	10-19
R 1F1	QX103P412B21	R-CARBON	1/4W 560-J	561 RD-H	1	10-19
R 1F2	QX103P412B21	R-CARBON	1/4W 560-J	561 RD-H	1	10-19
R 1F3	QX103P412B21	R-CARBON	1/4W 560-J	561 RD-H	1	10-19
R 1F4	QX103P412B21	R-CARBON	1/4W 560-J	561 RD-H	1	10-19
R 1F6	QX103P412B21	R-CARBON	1/4W 560-J	561 RD-H	1	10-19
R 1F5	QX103P412B21	R-CARBON	1/4W 560-J	561 RD-H	1	10-19
R 673	QX103P412B21	R-CARBON	1/4W 560-J	561 RD-H	1	10-19
R 671	QX103P412B41	R-CARBON	1/4W 820-J	821 RD-H	1	10-19
	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 407	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 459	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-19
R 465	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 466	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 555	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 558	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 603	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 618	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 656	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 667	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 668	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 675	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 677	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-99
R 580	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	20-99
R 193	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-19
R 194	QX103P412B51	R-CARBON	1/4W 1K-J	102 RD-H	1	10-19
R 414	QX103P412B61	R-CARBON	1/4W 1.2K J	122 RD-H	1	10-99
R 314	QX103P412B01	R-CARBON	1/4W 1.2K-J	122 RD-H	1	10-99

SYMBOL	NO.	PART NO.	DESCRIPTION / SPECIFICATION		QTY	LOT NO.	
	R 553	QX103P412B61	R-CARBON	1/4W 1.2K-J	122 RD-H	1	20-99
	R 502	QX103P412B71	R-CARBON	1/4W 1.5K-J	152 RD-H	1	10-99
	R 504	QX103P412B71	R-CARBON	1/4W 1.5K-J	152 RD-H	1	10-99
	R 532	QX103P412B71	R-CARBON	1/4W 1.5K-J	152 RD-H	1	10-99
	R 660	QX103P412B71	R-CARBON	1/4W 1.5K-J	152 RD-H	1	10-99
	R 671	QX103P412B71	R-CARBON	1/4W 1.5K-J	152 RD-H	1	20-99
	R 912	QX103P412B71	R-CARBON	1/4W 1.5K-J	152 RD-H	1	10-99
	R 617	QX103P412B81	R-CARBON	1/4W 1.8K-J	182 RD-H	1	10-99
	R 454	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-19
	R 559	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-99
	R 560	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-99
	R 561	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-99
	R 563	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-99
	R 565	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-99
	R 566	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-99
	R 569	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-99
	R 572	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-99
	R 578	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	20-99
	R 926	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-99
	R 928	QX103P412B91	R-CARBON	1/4W 2.2K-J	222 RD-H	1	10-99
	R 520	QX103P413B01	R-CARBON	1/4W 2.7K-J	272 RD-H	1	10-99
	R 920	QX103P413B01	R-CARBON	1/4W 2.7K-J	272 RD-H	1	10-99
	R 403	QX103P413B11	R-CARBON	1/4W 3.3K-J	332 RD-H	1	20-99
	R 541	QX103P413B31	R-CARBON	1/4W 4.7K-J	472 RD-H	1	10-99
	R 416	QX103P413B41	R-CARBON	1/4W 5.6K-J	562 RD-H	1	10-99
	R 551	QX103P413B41	R-CARBON	1/4W 5.6K-J	562 RD-H	1	10-19
	R 556	QX103P413B41	R-CARBON	1/4W 5.6K-J	562 RD-H	1	10-19
	R 685	QX103P413B41	R-CARBON	1/4W 5.6K-J	562 RD-H	1	10-99
	R 525	QX103P413B51	R-CARBON	1/4W 6.8K-J	682 RD-H	1	10-99
	R 551	QX103P413B51	R-CARBON	1/4W 6.8K-J	682 RD-H	1	20-99
	R 673	QX103P413B51	R-CARBON	1/4W 6.8K-J	682 RD-H	1	20-99
	R 657	QX103P413B61	R-CARBON	1/4W 8.2K-J	822 RD-H	1	10-99
	R 408	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 451	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 456	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 457	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 458	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 461	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 462	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 464	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 553	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-19
	R 562	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 564	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 567	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 568	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 571	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 572	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 658	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 674	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 676	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-19
	R 687	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	10-99
	R 579	QX103P413B71	R-CARBON	1/4W 10K-J	103 RD-H	1	20-99

SYMBOL	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.	
NO.					
R 583	QX103P413B71	R-CARBON 1/4W 10K-J	103 RD-H	1	20-99
R 919	QX103P413B71	R-CARBON 1/4W 10K-J	103 RD-H	1	10-99
R 927	QX103P413B71	R-CARBON 1/4W 10K-J	103 RD-H	1	10-99
R 544	QX103P413B81	R-CARBON 1/4W 12K-J	123 RD-H	1	10-99
R 633	QX103P413B81	R-CARBON 1/4W 12K-J	123 RD-H	1	10-99
R 672	QX103P413B81	R-CARBON 1/4W 12K-J	123 RD-H	1	10-19
R 534	QX103P413B91	R-CARBON 1/4W 15K-J	153 RD-H	1	10-99
R 402	QX103P414B01	R-CARBON 1/4W 18K-J	183 RD-H	1	10-99
R 552	QX103P414B11	R-CARBON 1/4W 22K-J	223 RD-H	1	10-99
R 557	QX103P414B11	R-CARBON 1/4W 22K-J	223 RD-H	1	10-99
R 463	QX103P414B21	R-CARBON 1/4W 27K-J	273 RD-H	1	10-99
R 931	QX103P414B21	R-CARBON 1/4W 27K-J	273 RD-H	1	10-99
R 539	QX103P414B31	R-CARBON 1/4W 33K-J	333 RD-H	1	10-99
R 924	QX103P414B31	R-CARBON 1/4W 33K-J	333 RD-H	1	10-99
R 509	QX103P414B41	R-CARBON 1/4W 39K-J	393 RD-H	1	10-99
R 510	QX103P414B41	R-CARBON 1/4W 39K-J	393 RD-H	1	10-99
R 511	QX103P414B41	R-CARBON 1/4W 39K-J	393 RD-H	1	10-99
R 512	QX103P414B41	R-CARBON 1/4W 39K-J	393 RD-H	1	10-99
R 517	QX103P414B41	R-CARBON 1/4W 39K-J	393 RD-H	1	10-99
R 623	QX103P414B41	R-CARBON 1/4W 39K-J	393 RD-H	1	10-99
R 625	QX103P414B41	R-CARBON 1/4W 39K-J	393 RD-H	1	10-99
R 540	QX103P414B51	R-CARBON 1/4W 47K-J	473 RD-H	1	10-99
R 634	QX103P414B51	R-CARBON 1/4W 47K-J	473 RD-H	1	10-99
R 910	QX103P414B51	R-CARBON 1/4W 47K-J	473 RD-H	1	10-99
R 459	QX103P414B61	R-CARBON 1/4W 56K-J	563 RD-H	1	20-99
R 575	QX103P414B61	R-CARBON 1/4W 56K-J	563 RD-H	1	10-99
R 655	QX103P414B81	R-CARBON 1/4W 82K-J	823 RD-H	1	10-99
R 659	QX103P414B81	R-CARBON 1/4W 82K-J	823 RD-H	1	10-99
R 505	QX103P414B91	R-CARBON 1/4W 100K-J	104 RD-H	1	10-99
R 506	QX103P414B91	R-CARBON 1/4W 100K-J	104 RD-H	1	10-99
R 507	QX103P414B91	R-CARBON 1/4W 100K-J	104 RD-H	1	10-99
R 508	QX103P414B91	R-CARBON 1/4W 100K-J	104 RD-H	1	10-99
R 519	QX103P414B91	R-CARBON 1/4W 100K-J	104 RD-H	1	10-99
R 611	QX103P414B91	R-CARBON 1/4W 100K-J	104 RD-H	1	10-99
R 195	QX103P414B91	R-CARBON 1/4W 100K-J	104 RD-H	1	10-19
R 545	QX103P415B01	R-CARBON 1/4W 120K-J	124 RD-H	1	10-99
R 672	QX103P415B01	R-CARBON 1/4W 120K-J	124 RD-H	1	20-99
R 676	QX103P415B11	R-CARBON 1/4W 150K-J	154 RD-H	1	20-99
R 622	QX103P415B41	R-CARBON 1/4W 270K-J 274 RD-H		1	10-99
R 686	QX103P415B41	R-CARBON 1/4W 270K-J 274 RD-H		1	20-99
R 608	QX103P415B51	R-CARBON 1/4W 330K-J 334 RD-H		1	10-19
R 542	QX103P416B11	R-CARBON 1/4W 1M-J 105 RD-H		1	10-99
R 626	QX103P416B11	R-CARBON 1/4W 1M-J 105 RD-H		1	10-99
R 686	QX103P416B11	R-CARBON 1/4W 1M-J 105 RD-H		1	10-19
R 452	QX103P418B41	R-CARBON 1/4W 2.2-J	2R2 RD-H	1	10-99
R 453	QX103P418B41	R-CARBON 1/4W 2.2-J	2R2 RD-H	1	10-99
R 903	QX103P418B81	R-CARBON 1/4W 4.7-J 4R7 RD-H		1	10-99
SW101	QX129P007B90	VR-CHANNEL-PLES BAND-SW	1-2 (MI)	1	10-99
C 513	QX142P010B51	C-CERAMIC B500V 220P-K	221 S8	1	10-99
C 533	QX142P010B51	C-CERAMIC B500V 220P-K	221 S8	1	20-99
C 403	QX142P010B91	C-CERAMIC B500V 470P-K	471 S8	1	10-99
C 512	QX142P011B11	C-CERAMIC B500V 680P-K	681 S8	1	10-99

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SYMBOL

NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.	
C 622	QX142P011B91	C-CERAMIC B500V 3300P-K	332 SØ	1	10-99
C 626	QX142P011B91	C-CERAMIC B500V 3300P-K	332 SØ	1	10-99
C 635	QX142P011B91	C-CERAMIC B500V 3300P-K	332 SØ	1	10-99
C 3E5	QX142P012B11	C-CERAMIC B500V 4700P-K	472 SØ	1	20-50
C 3E5	QX142P012B11	C-CERAMIC B500V 4700P-K	472 SØ	1	51-99
C 918	QX142P020B51	C-CERAMIC B50V 470P-K	471 SØ	1	10-99
C 655	QX142P020B71	C-CERAMIC B50V 680P-K	681 SØ	1	20-99
C 143	QX142P020B91	C-CERAMIC B50V 1000P-K	102 SØ	1	10-19
C 413	QX142P021B11	C-CERAMIC B50V 1500P-K	152 SØ	1	10-99
C 3P1	QX142P021B71	C-CERAMIC B50V 4700P-K	472 SØ	1	10-99
C 627	QX142P021B71	C-CERAMIC B50V 4700P-K	472 SØ	1	10-99
C 629	QX142P021B71	C-CERAMIC B50V 4700P-K	472 SØ	1	10-99
C 631	QX142P021B71	C-CERAMIC B50V 4700P-K	472 SØ	1	10-99
C 633	QX142P021B71	C-CERAMIC B50V 4700P-K	472 SØ	1	10-99
C 636	QX142P021B71	C-CERAMIC B50V 4700P-K	472 SØ	1	10-99
C 640	QX142P021B71	C-CERAMIC B50V 4700P-K	472 SØ	1	10-99
C 641	QX142P021B71	C-CERAMIC B50V 4700P-K	472 SØ	1	10-99
C 653	QX142P022B01	C-CERAMIC B50V 8200P-K	1	1	10-99
C 451	QX155P314B01	C-CERAMIC SL50V 150P-J	151 SØ	1	20-99
C 658	QX155P314B01	C-CERAMIC SL50V 150P-J	151 SØ	1	10-19
C 530	QX155P314B21	C-CERAMIC SL50V 180P-J	181 SØ	1	10-99
C 404	QX155P314B41	C-CERAMIC SL50V 220P-J	221 SØ	1	20-99
C 530	QX155P314B41	C-CERAMIC SL50V 220P-J	221 SØ	1	10-99
C 913	QX172P166A31	C-TF 50V 0.1M-J FORMING	104 SØ	1	10-19
C 1Y5	QX172P166A31	C-TF 50V 0.1M-J FORMING	104 SØ	1	10-99
C 908	QX189P027B50	C-CERAMIC-AC F VA1 2200P-M	222 LØ	1	10-99
C 909	QX189P027B50	C-CERAMIC-AC F VA1 2200P-M	222 LØ	1	10-99
C 910	QX189P027B50	C-CERAMIC-AC F VA1 2200P-M	222 LØ	1	10-99
C 905	QX189P027B70	C-CERAMIC-AC F VA1 4700P-M	472 SØ	1	10-99
C 906	QX189P027B70	C-CERAMIC-AC F VA1 4700P-M	472 SØ	1	10-99
Q 558	QX260P386A31	TRANSISTOR 2SC2230-Y, GR	1	1	10-99
IC551	QX263P066A20	IC-C-MOS TC4066BP	1	1	10-99
	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 402	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 403	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 404	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 405	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 451	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 452	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 501	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 506	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 509	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 512	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 513	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	20-99
D 551	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 517	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 653	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 654	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 655	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99
D 518	QX264P045A81	DIØDE 1S2076A/1S2471	1	1	10-99

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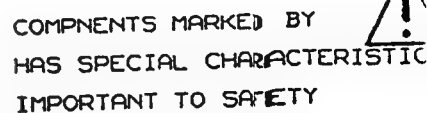
SYMBOL NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY	LOT NO.
D 521	QX264P045A81	DIODE 1S2076A/1S2471	1	10-99
D 612	QX264P045A81	DIODE 1S2076A/1S2471	1	20-99
D 613	QX264P045A81	DIODE 1S2076A/1S2471	1	20-99
D 522	QX264P045A81	DIODE 1S2076A/1S2471	1	20-99
D 553	QX264P045A81	DIODE 1S2076A/1S2471	1	20-99
D 915	QX264P045A81	DIODE 1S2076A/1S2471	1	10-99
D 917	QX264P045A81	DIODE 1S2076A/1S2471	1	10-99
D 918	QX264P045A81	DIODE 1S2076A/1S2471	1	10-99
D 922	QX264P045A81	DIODE 1S2076A/1S2471	1	10-99
D 616	QX264P367A11	DIODE 1SS83	1	10-99
D 921	QX264P367A11	DIODE 1SS83	1	10-99
	QX330H509Z91	OSB-COPPER-WIRE 030N001 0.6	43	10-99
	QX330H509Z91	OSB-COPPER-WIRE 030N001 0.6	7	10-99
	QX330H509Z91	OSB-COPPER-WIRE 030N001 0.6	42	20-99
L 3R2	QX330H509Z91	OSB-COPPER-WIRE 030N001 0.6	1	10-99
L 3S2	QX330H509Z91	OSB-COPPER-WIRE 030N001 0.6	1	10-99
L 3T2	QX330H509Z91	OSB-COPPER-WIRE 030N001 0.6	1	10-99
R 3P3	QX330H509Z91	OSB-COPPER-WIRE 030N001 0.6	1	10-99
R 3R1	QX330H509Z91	OSB-COPPER-WIRE 030N001 0.6	1	10-99
R 3S1	QX330H509Z91	OSB-COPPER-WIRE 030N001 0.6	1	10-99
R 3T1	QX330H509Z91	OSB-COPPER-WIRE 030N001 0.6	1	10-99
L 905	QX409P006A20	COIL-FILTER 100MHK 101 LB	1	10-19
L 906	QX409P006A20	COIL-FILTER 100MHK 101 LB	1	10-19
L 908	QX409P006A20	COIL-FILTER 100MHK 101 LB	1	10-19
L 910	QX409P006A20	COIL-FILTER 100MHK 101 LB	1	10-19
L 904	QX409P006B30	COIL-FILTER 27MHK 270 LB (DH)	1	10-19
	QX452D031A10	PIN-GT	2	10-99
J 3C1	QX452D109A10	CONNECTOR B9(10)B-XH-A	1	10-50
J 3C1	QX452D109A10	CONNECTOR B9(10)B-XH-A	1	51-99
J 3C4	QX452D109A50	CONNECTOR B5B-XH-AM	1	10-50
J 3C4	QX452D109A50	CONNECTOR B5B-XH-AM	1	51-99
J 501	QX452D109A80	CONNECTOR B7(8)B-XH-A	1	10-99
J 502	QX452D110A10	CONNECTOR B10(11)B-XH-A	1	10-99
J 100	QX452D111A20	CONNECTOR S2B-XH-A-1	1	10-99
J 107	QX452D111A40	CONNECTOR S4B-XH-A-1	1	10-99
J 104	QX452D111A80	CONNECTOR S8B-XH-A-1	1	10-99
	QX452D114A10	PIN-S BSW1-1/2H	2	10-99
TP1	QX452D114A10	PIN-S BSW1-1/2H	1	10-99
	QX540D036B10	LEAD-CLAMPER * (MI)	1	10-99
	QX540D036B10	LEAD-CLAMPER * (MI)	2	10-99
	QX540D085B10	LEAD-CLAMPER NYLON-6 CM1017 (MI)	2	10-99
	QX540D113A10	LEAD-CLAMPER NYLON-6 CM1017 (MI)	1	10-99
	QX669D204A10	SCREW-SEMS-W M3X0.5-10	3	10-99
	QX669D220A20	SCREW-TB * 3X8	6	10-99
	QX669D220A20	SCREW-TB * 3X8	2	10-99
	QX669D220A20	SCREW-TB * 3X8	7	10-99
	QX669D220A20	SCREW-TB * 3X8	3	10-99
	QX669D220A30	SCREW-TB 3X10 46LA005	4	10-99
	QX669D220A30	SCREW-TB 3X10 46LA005	6	10-99
	QX669D220A40	SCREW-TB 3X12 46LA005	4	10-99
	QX669D220A60	SCREW-TB 3X16 46LA005	1	10-99
	QX669D221A40	SCREW-TB	6	10-99

SYMBOL NO.	PART NO.	DESCRIPTION / SPECIFICATION	QTY
	QX669D221A70	SCREW-TB 4X20 46LA005	4
	QX669D221A70	SCREW-TB 4X20 46LA005	4
	QX679D022A20	EYELET BSR TO.18	5
	QX679D022A20	EYELET BSR TO.18	9
	RX002U001A20	CERG-TAPE 24X35	1
R 653	RX101P335D31	R-COMP 1/2W 3.3M	1
VR601	RX129C507B50	VR-SEMIFIXED 1/2W B-1K+-4	1
VR602	RX129C507B50	VR-SEMIFIXED 1/2W B-1K+-4	1
Q 406	RX260P352A20	TRANSISTOR 2SC1749C.D/2SC1749E/ 2SC4544	1
Q 654	RX270P523A11	TRANSISTOR 2SC2347	1
IC602	RX277P650A10	IC TL431CLPB	1
L 102	RX409C528A30	INDUCTOR B2P-VH	1
J 3B5	RX452D546A20	CONNECTOR B2P-VH	1
J 3G5	RX452D546A20	CONNECTOR B2P-VH	1
J 3R5	RX452D546A20	CONNECTOR B2P-VH	1
J 3B5	RX452D546A20	CONNECTOR B2P-VH	1
J 3G5	RX452D546A20	CONNECTOR B2P-VH	1
J 3R5	RX452D546A20	CONNECTOR B2P-VH	1
J 514	RX452D546A50	CONNECTOR B5P-VH	1
J 513	RX452D546A60	CONNECTOR B6P-VH	1
J 511	RX452D549A40	PIN-ASSY TS-80P-O4-V1	2
	RX539D647A10	BUSH 66NYLON	2
	RX539D710A40	SPACER M3X0.5-8	2
	RX669D171A20	SCREW-SEMS-W M3X0.5-8	4
	RX669D171A20	SCREW-SEMS-W M3X0.5-8	4
	RX669D171A30	SCREW-SEMS M3X0.5-12	

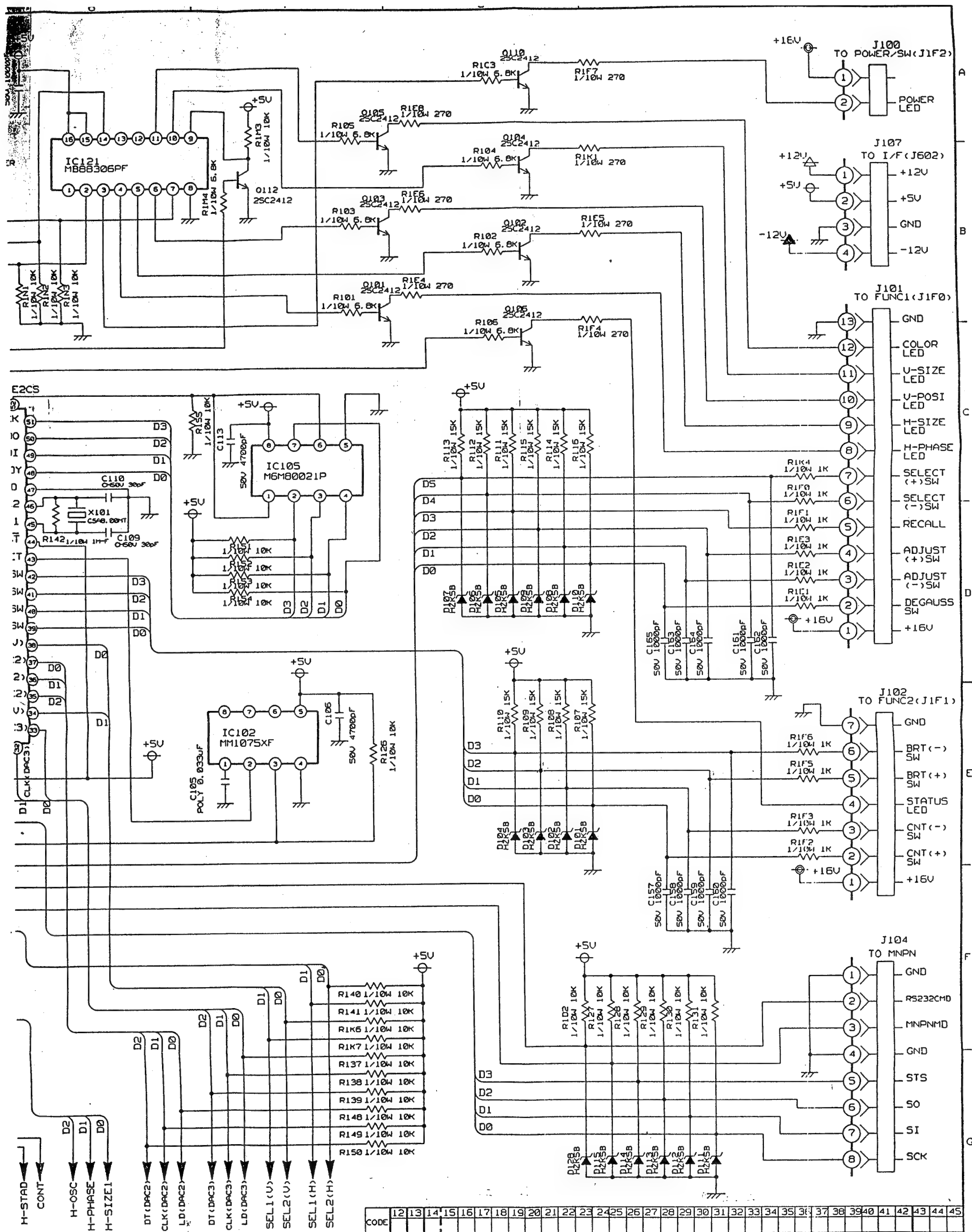
LOT NO.

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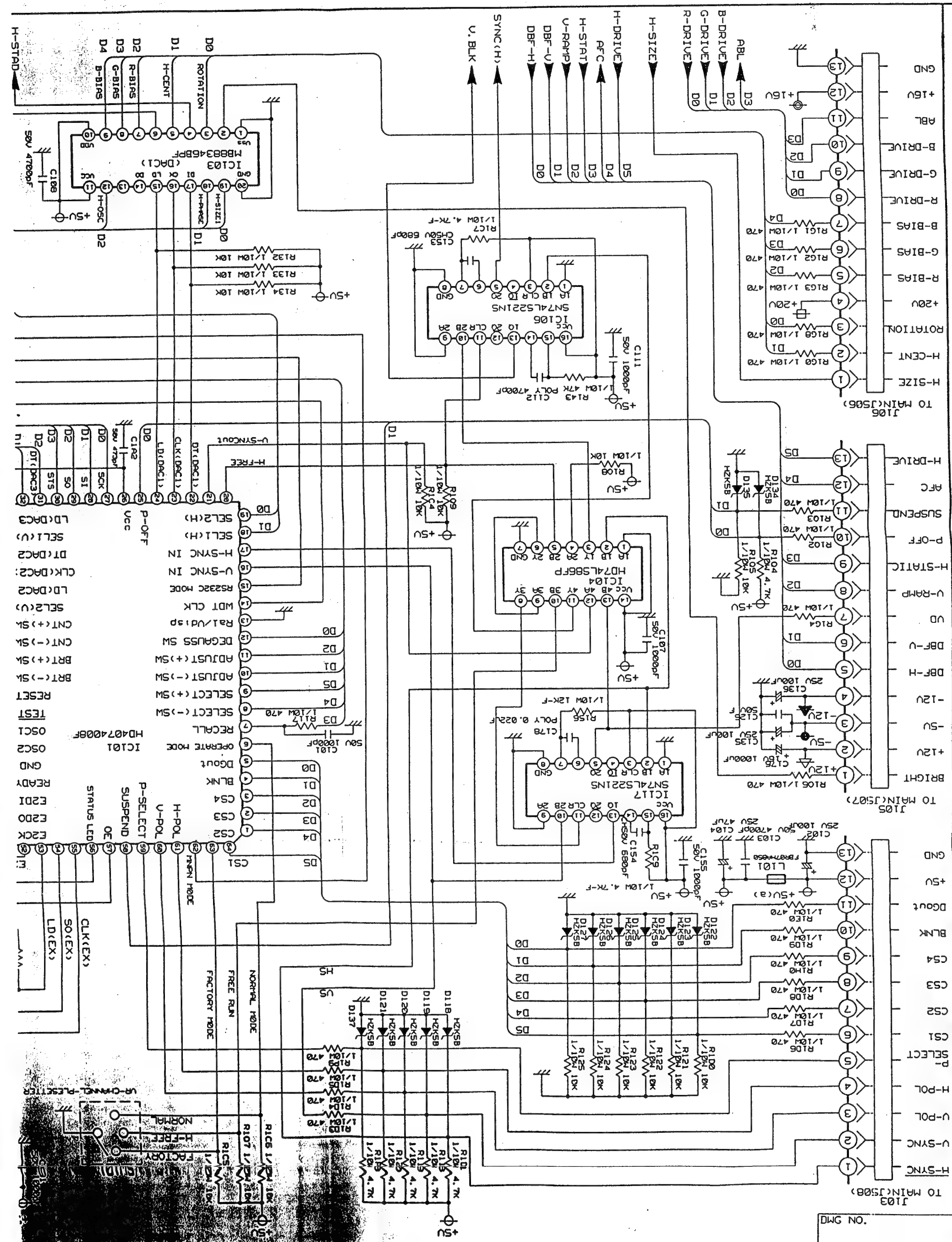
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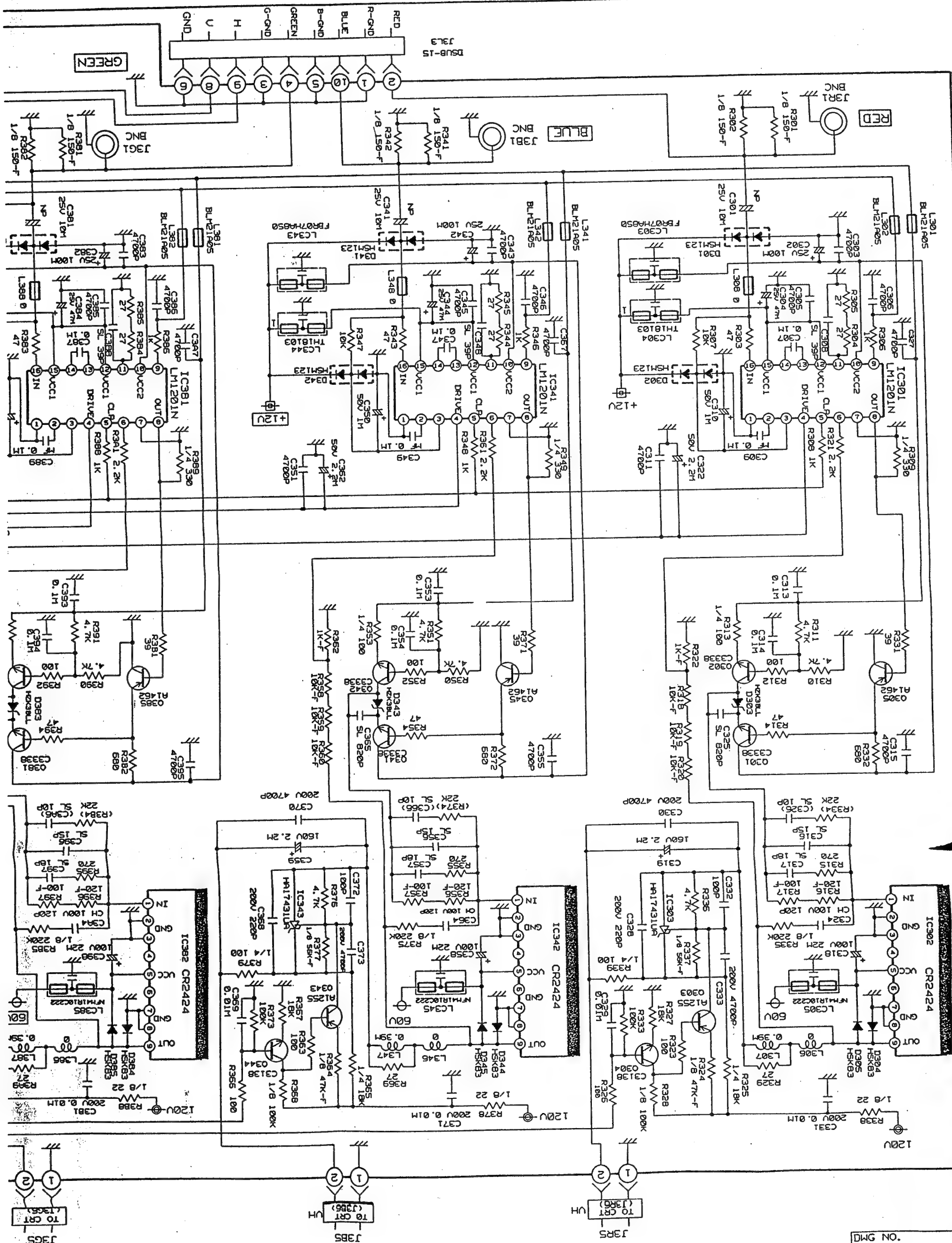


SCHEMATIC-DIAGRAM
Z-CHASSIS PCB-CRT
(ND21 MITSUBISHI)

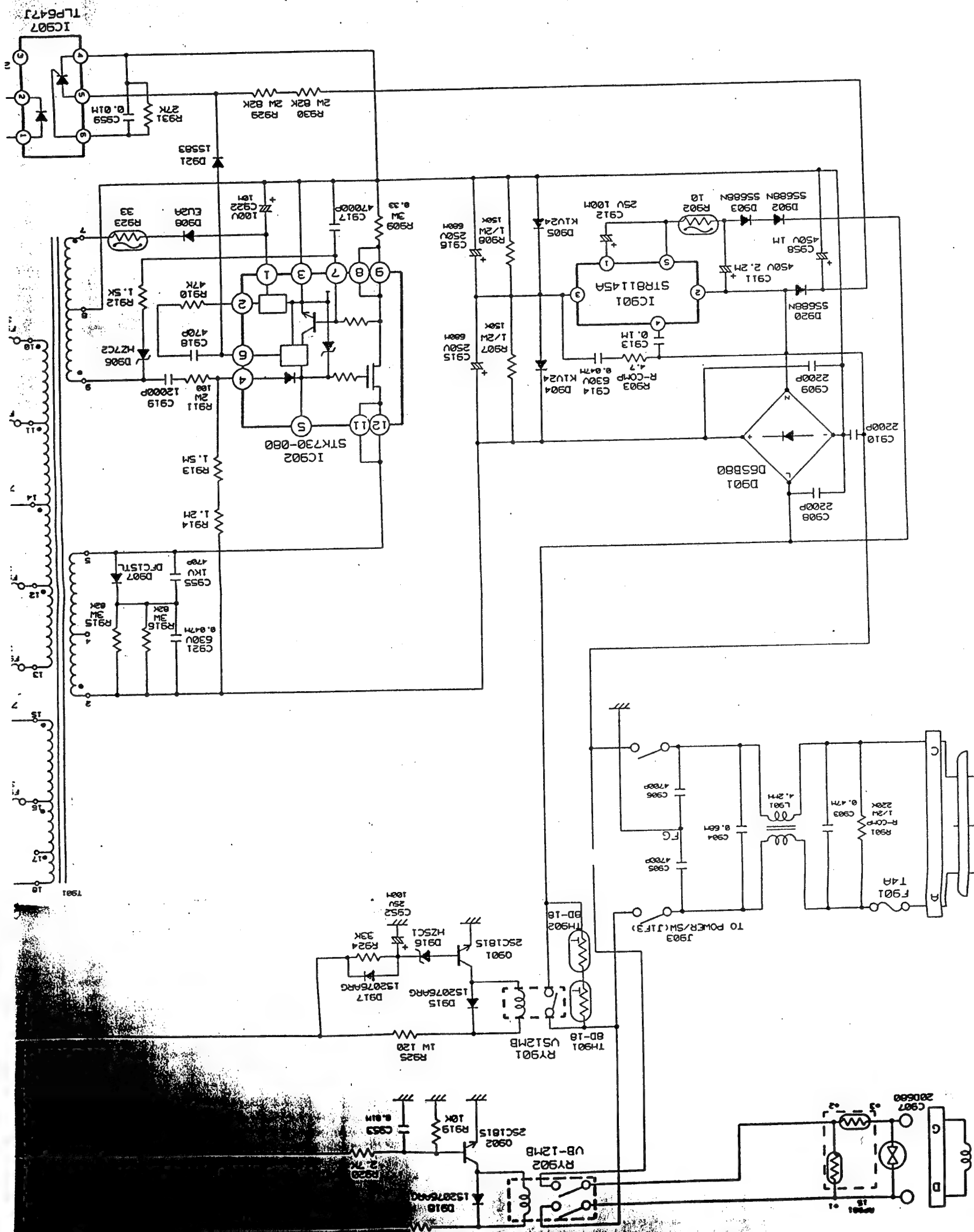


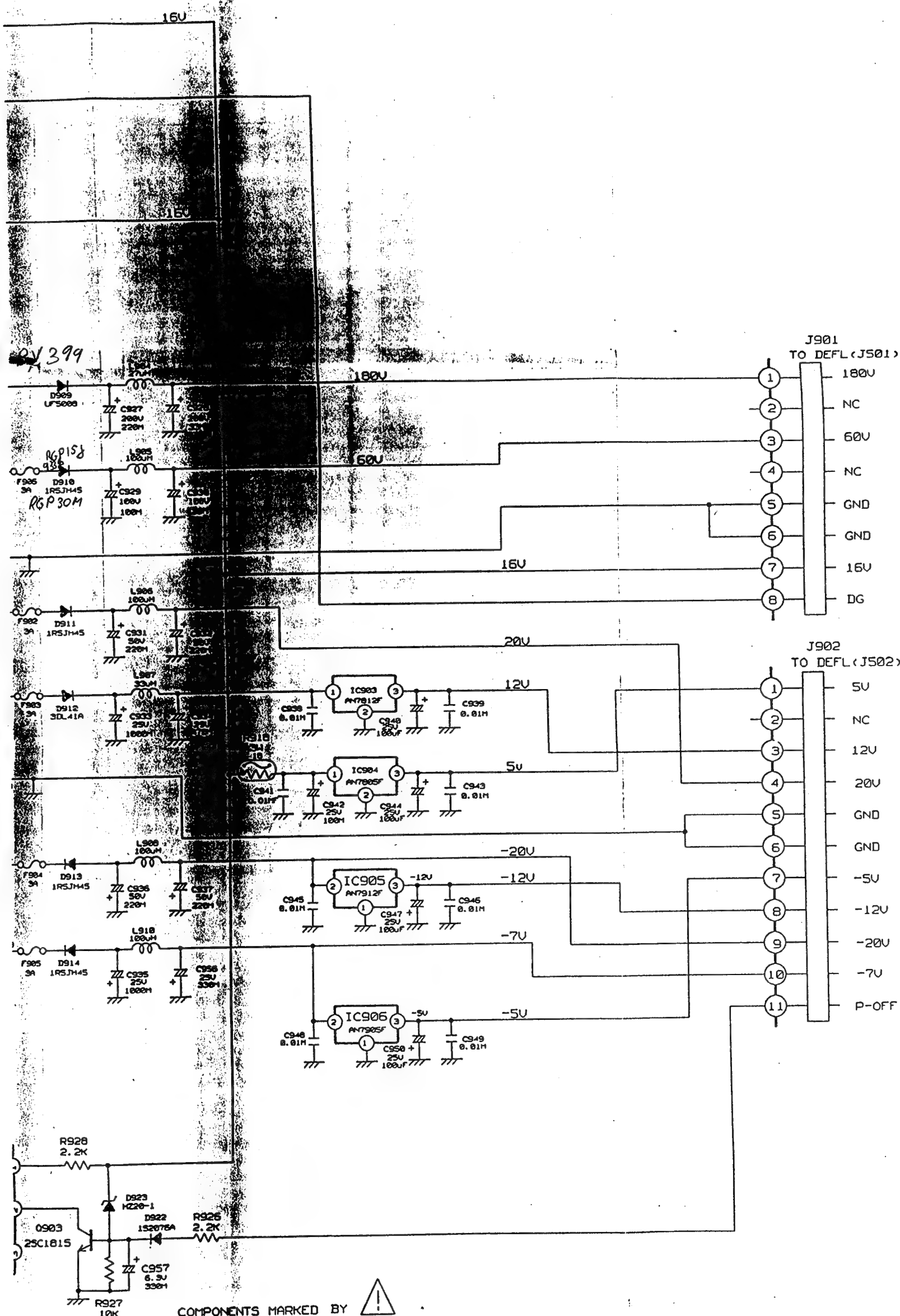
TITLE SCHEMATIC DIAGRAM
Z-CHASSIS (M) PCB-CONTROL






DWG NO.





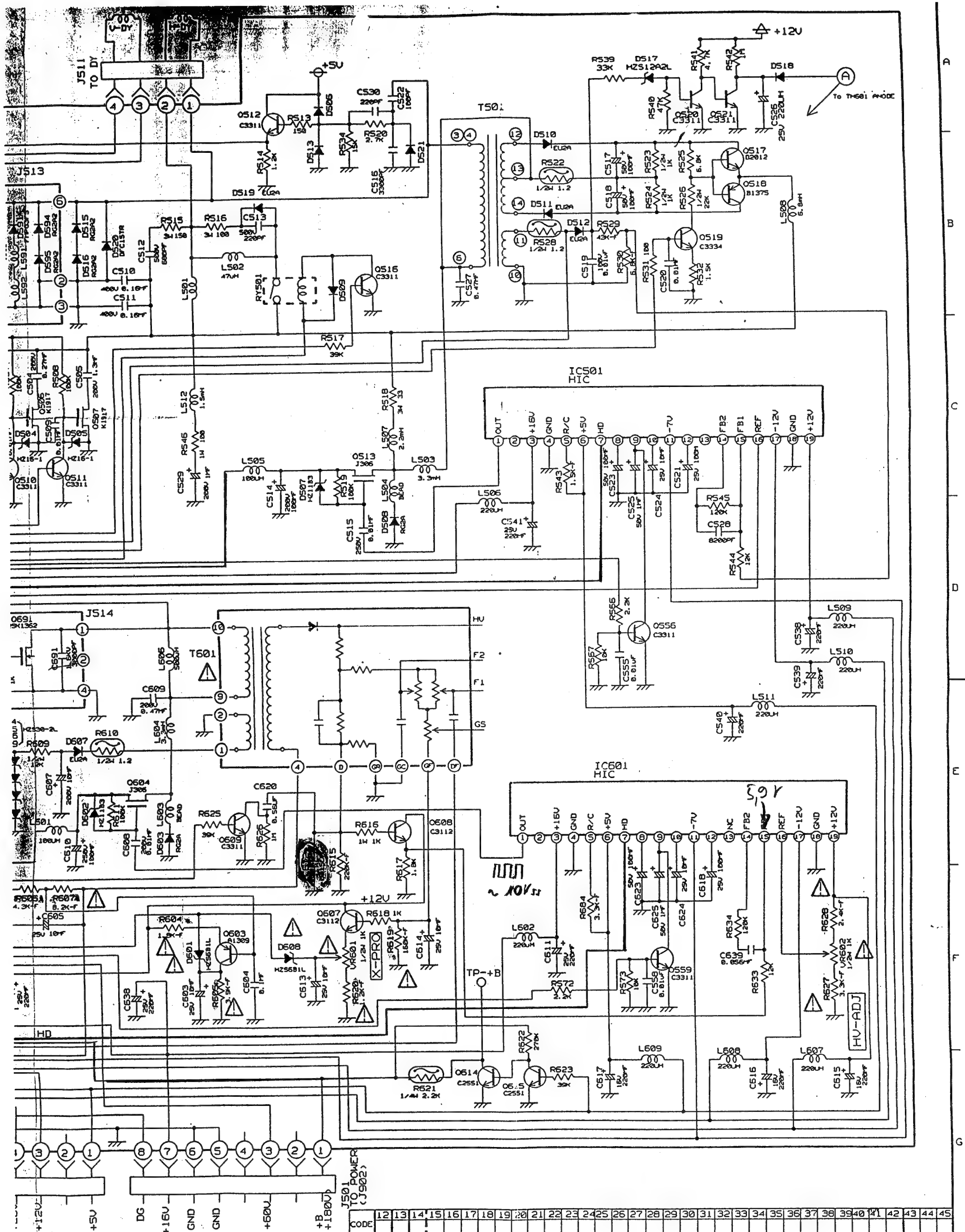
COMPONENTS MARKED BY  HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY.

CODE	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

TITLE SCHEMATIC DIAGRAM
PCB-POWER

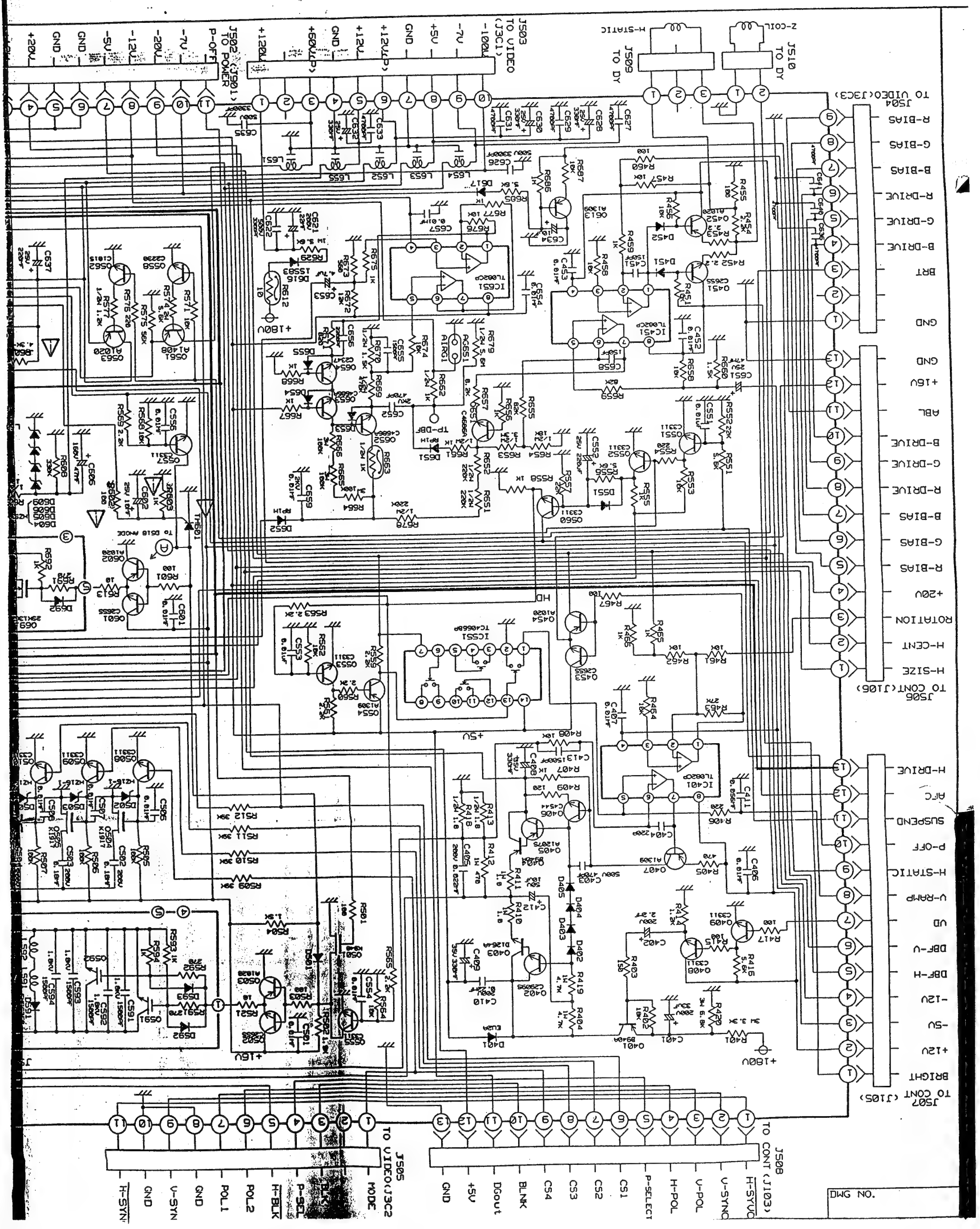
1/1

A
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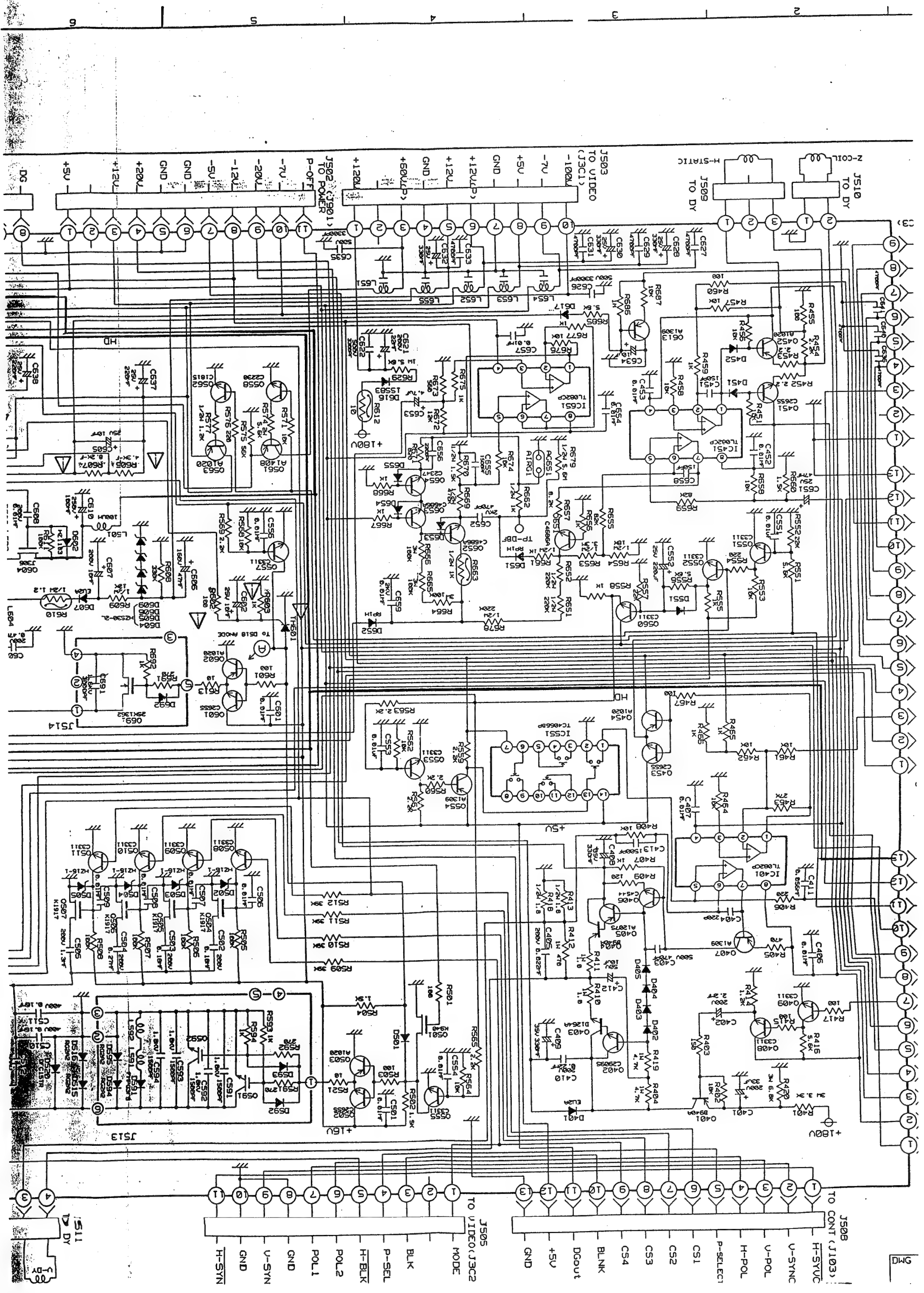


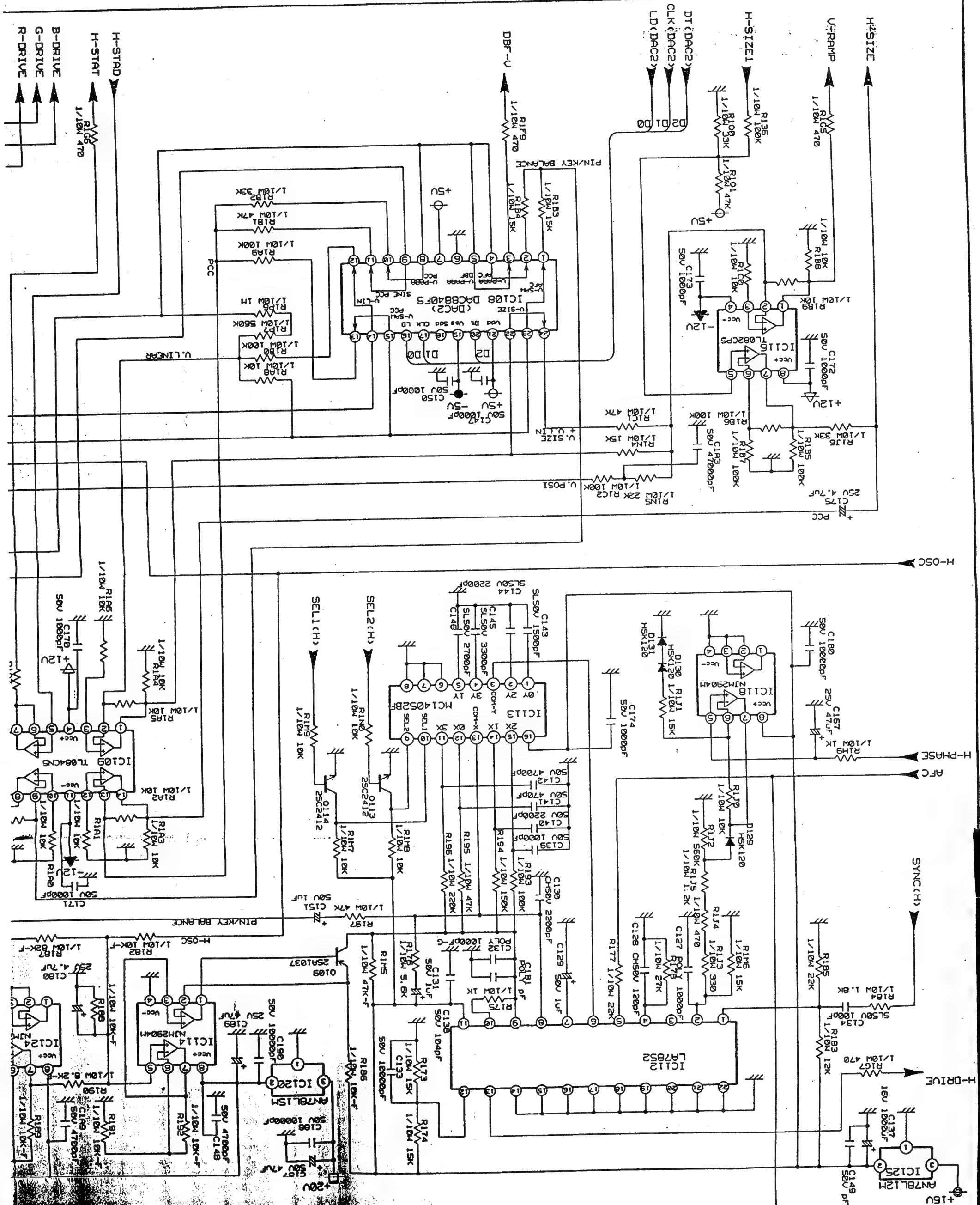
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SCHEMATIC-DIAGRAM-DEFL

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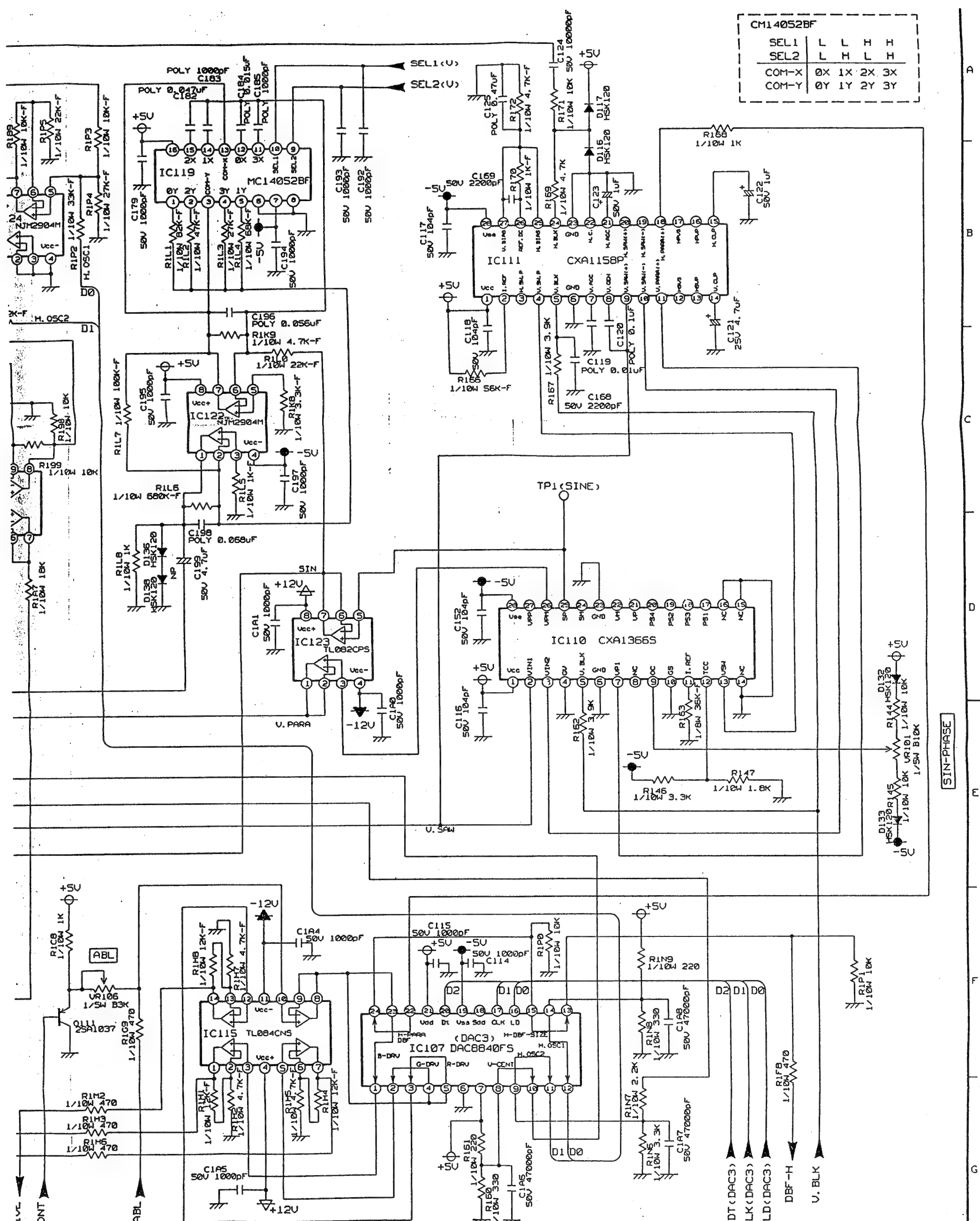


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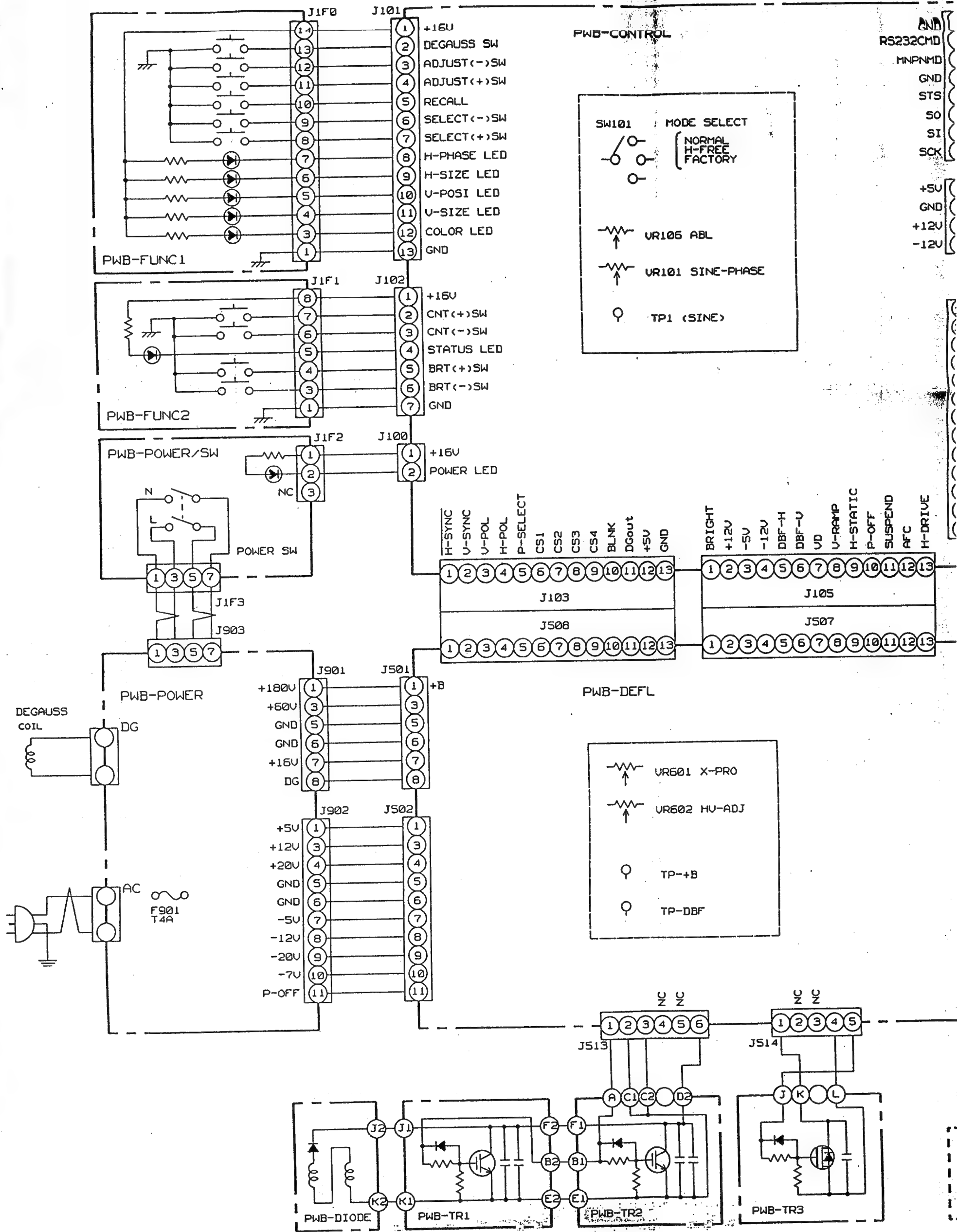


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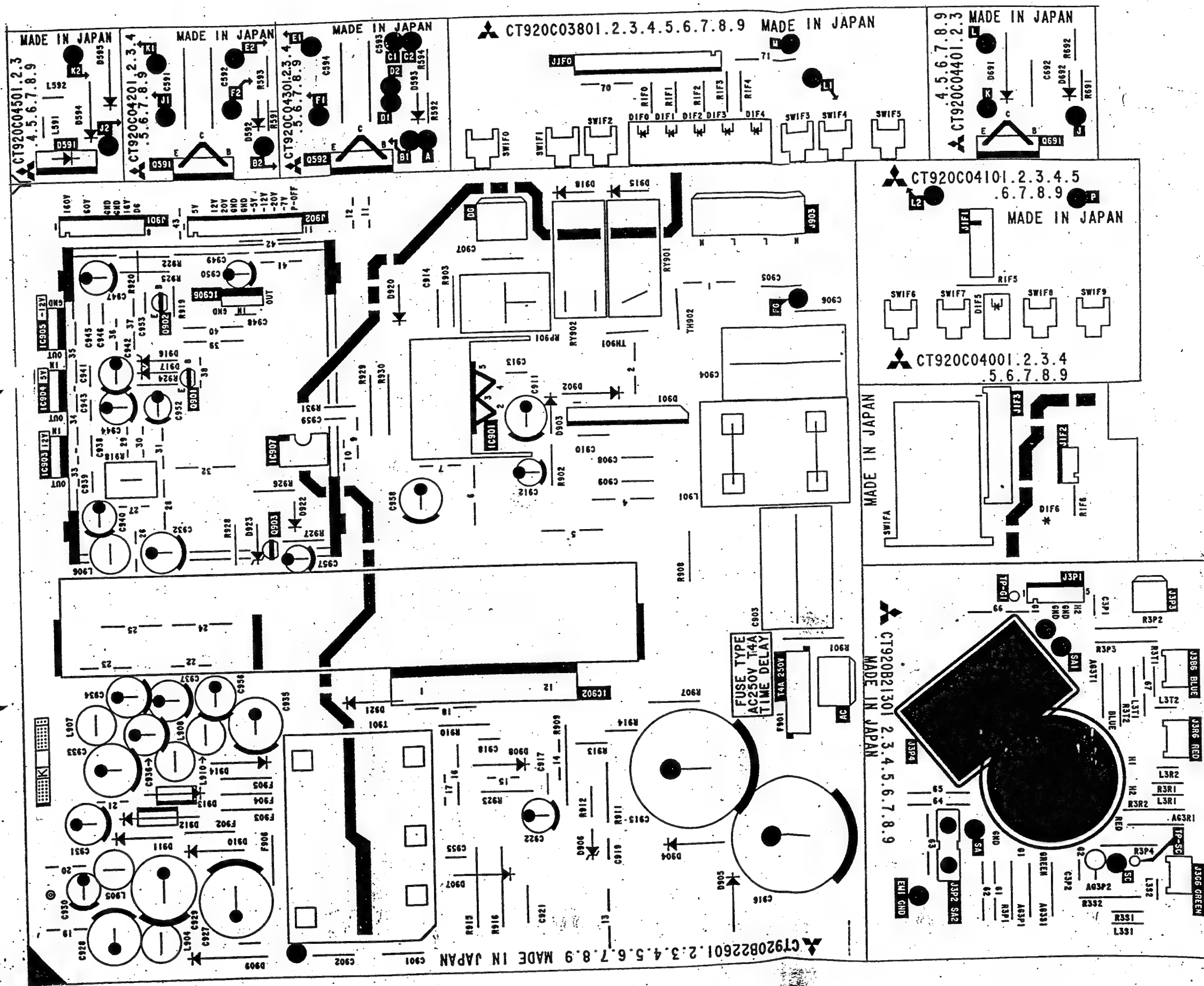
TITLE SCHEMATIC DIAGRAM
Z CHASSIS (M) PCB-CONTROL

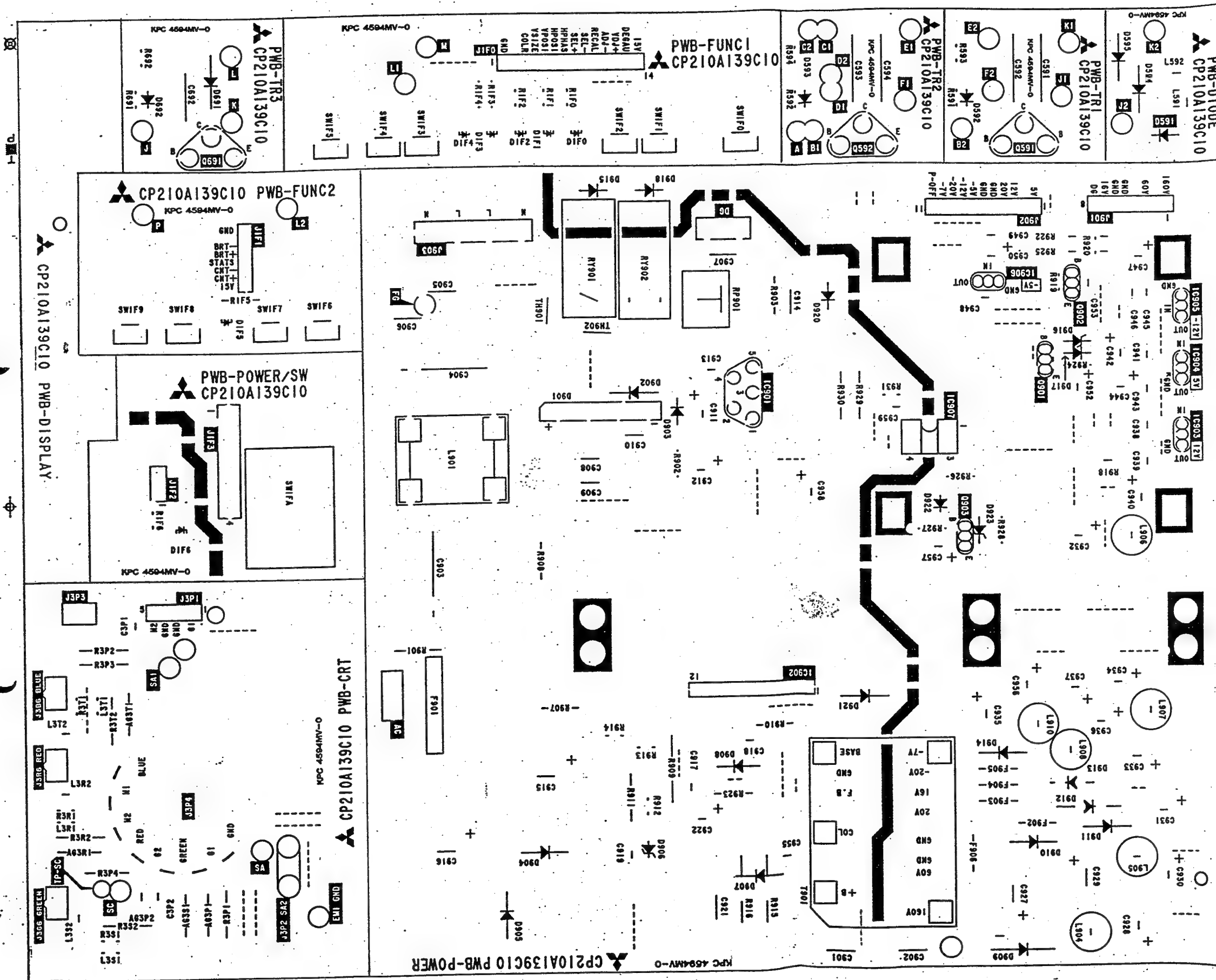
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ON GND



CHANGE

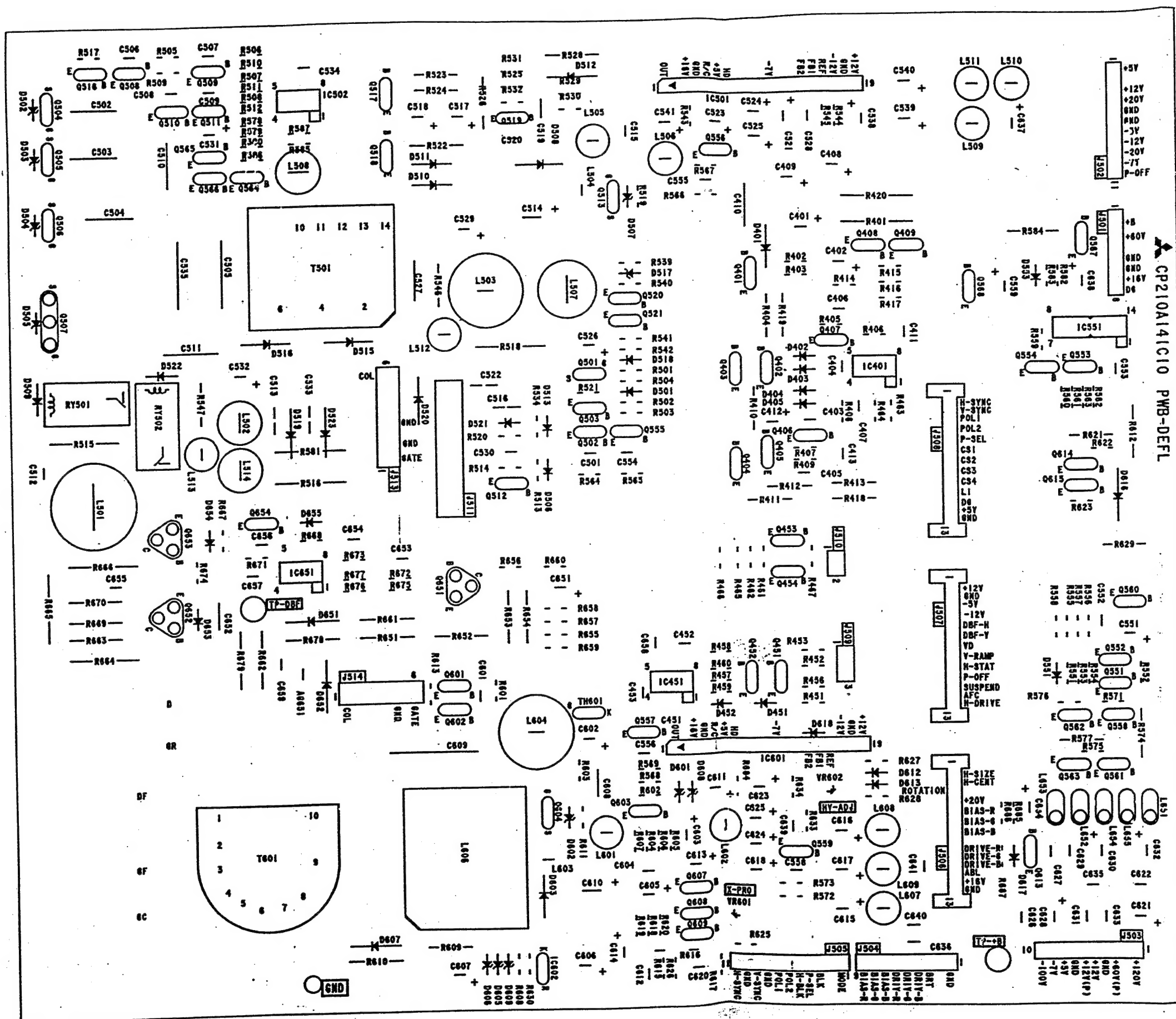




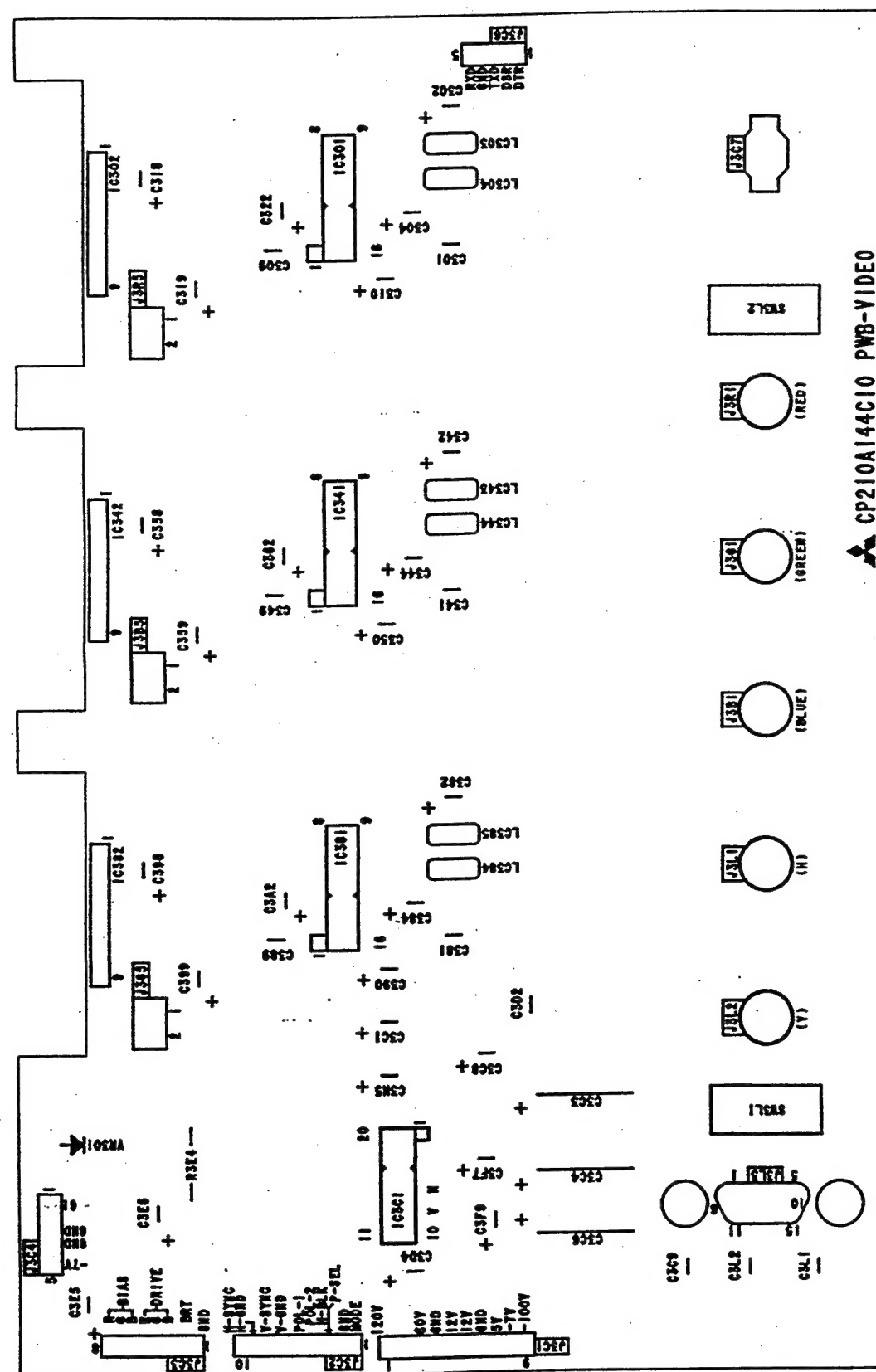
PCB-DIODE
 PCB-TR1
 PCB-TR2
 PCB-TR3
 PCB-FUNC1
 PCB-FUNC2
 PCB-POWER/SW
 PCB-CRT
 PCB-POWER

SOLDER SIDE

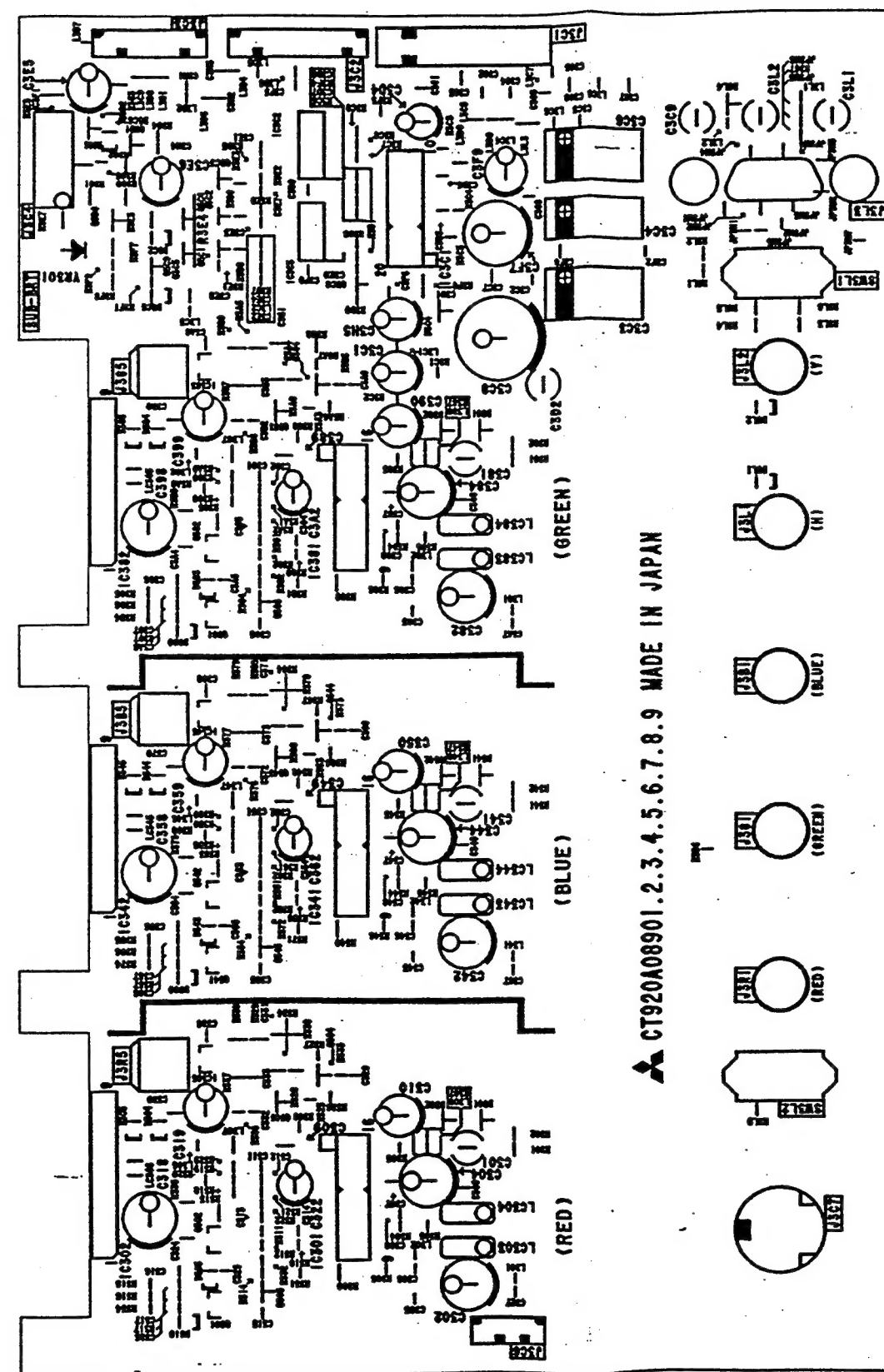
PCB-DEFL
COMPONENT SIDE



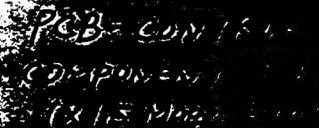
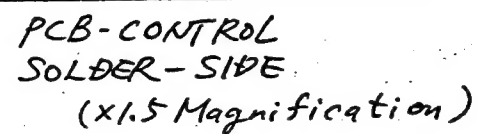
PCB-DEFL
SOLDER SIDE



PWB-VIDEO
SOLDER
SIDE



PWB-VIDEO
COMPONENT
SIDE



EXPLODED VIEW OF MONITOR

TENTATIVE

